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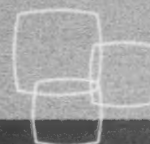
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The Patent

Office Record

La Gazette

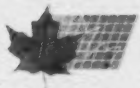
du Bureau des brevets



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Canada

CIPO  OPIC

THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIFI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIFI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris

- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,525,688
2,719,495
2,741,982
2,783,446
2,787,159

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,525,688
2,719,495
2,741,982
2,783,446
2,787,159

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2,812,588
2,822,665
2,837,769

2,812,588
2,822,665
2,837,769

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1708*
For each additional sheet over 30	\$19
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1^{er} octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1708 \$*
Pour chaque feuille au delà de 30	19 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

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Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$257

6. Preliminary examination fee (Rule 58) \$800

* International fees will be reduced by:

- \$257 for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- \$385 for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2a)) 257 \$

6. Taxe d'examen préliminaire (Règle 58) 800 \$

* Les frais seront réduits de:

- 257 \$ pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- 385 \$ pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships ») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

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(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets* et de la *Loi sur les marques de commerce*.

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse

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Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 343-291-3436

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le [formulaire de paiements](#).

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
Édifice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 343-291-3436

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
Édifice Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6

Avis

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development
Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development
Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development
Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered MailTM and XpresspostTM services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered MailTM and XpresspostTM services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique
Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique
Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique
Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont des

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correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered MailTM and XpresspostTM services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

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- of patent agents; and
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or a

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyée par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce;
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

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- communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

- communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

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application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
- ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
- ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

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F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellant Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Notices

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellant Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered MailTM and XpresspostTM services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

- i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;
- ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
- iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
- iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés.

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

- i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
- ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
- iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
- iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

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the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta:** Third Monday in February (Alberta Family Day)
2. **British Columbia:**
 - o First Monday in August (British Columbia Day)
 - o Second Monday in February (British Columbia Family Day)
3. **New Brunswick:** First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador:**
 - o March 17 (St. Patrick's Day)
 - o April 23 (St. George's Day)
 - o June 24 (Discovery Day)
 - o July 12 (Orangemen's Day)
 - o First Monday in August (Regatta Day)
5. **Nova Scotia:** First Monday in August (Civic Holiday)
6. **Ontario:**
 - o Third Monday in February (Ontario Family Day)
 - o First Monday in August (Civic Holiday)
7. **Prince Edward Island:** First Monday in August (Civic Holiday)
8. **Quebec:** June 24 (St. John the Baptist Day)
9. **Saskatchewan:** First Monday in August (Saskatchewan Day)
10. **Yukon:** Third Monday in August (Discovery Day)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta :** troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique :**
 - o premier lundi d'août (Fête de la Colombie-Britannique)
 - o deuxième lundi de février (Jour de Famille de la Colombie-Britannique)
3. **Nouveau-Brunswick :** premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador :**
 - o 17 mars (Fête de la Saint-Patrick)
 - o 23 avril (Fête de la Saint-Georges)
 - o 24 juin (Journée de la Découverte)
 - o 12 juillet (Jour des Orangistes)
 - o Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse :** premier lundi d'août (congé statuaire)
6. **Ontario :**
 - o troisième lundi de février (Jour de la Famille de l'Ontario)
 - o premier lundi d'août (congé statuaire)
7. **L'Île-du-Prince-Édouard :** premier lundi d'août (congé civique)
8. **Québec :** 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan :** premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon :** troisième lundi d'août (Journée de la Découverte)

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

Notices

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondence procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^{MC}, par Xpresspost^{MC} ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of \$125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

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télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 \$ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of July 17, 2018 contains applications open to public inspection from July 1, 2018 to July 7, 2018.

15. Demandes canadiennes mises à la disposition du public

La *Gazette du bureau des brevets* du 17 juillet 2018 contient les demandes disponibles au public pour consultation pour la période du 1 juillet 2018 au 7 juillet 2018.

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[54] COMPOSITIONS A BASE DE DALBAVANCINE ET LEURS UTILISATIONS POUR LE TRAITEMENT DES INFECTIONS BACTERIENNES
[72] CAVALERI, MARCO, IT
[72] HENKEL, TIMOTHY, US
[72] JABES, DANIELA, IT
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[72] COLGRAVE, JOHN, GB
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[72] CONTORNI, MARIO, IT
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[54] ESRI, PGR, BCL2 AND SCUBE2 GROUP SCORE AS INDICATORS OF BREAST CANCER PROGNOSIS AND PREDICTION OF TREATMENT RESPONSE
[54] RESULTAT DE GROUPE ESRI, PGR, BCL2 ET SCUBE2 COMME INDICATEURS DE PRONOSTIC DE CANCER DU SEIN ET DE PREDICTION DE LA REPONSE AU TRAITEMENT
[72] BAKER, JOFFRE B., US
[72] BRYANT, JOHN L., US
[72] PAIK, SOONMYUNG, US
[72] SHAK, STEVEN, US
[73] GENOMIC HEALTH, INC., US
[73] NSABP FOUNDATION, INC., US
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[54] SYNTHETIC IMMUNOGLOBULIN DOMAINS WITH BINDING PROPERTIES ENGINEERED IN REGIONS OF THE MOLECULE DIFFERENT FROM THE COMPLEMENTARITY DETERMINING REGIONS
[54] DOMAINES IMMUNOGLOBULINE SYNTHETIQUES A PROPRIETES DE LIAISON ELABORES DANS DES REGIONS DE LA MOLECULE DIFFERENTES DES REGIONS DE DETERMINATION DE COMPLEMENTARITE
[72] RUEKER, FLORIAN, AT
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[54] ANTICORPS MONOCLONAUX HUMAINS POUR MORT PROGRAMMEE 1 (MP-1) ET PROCEDES POUR TRAITER LE CANCER EN UTILISANT DES ANTICORPS ANTI-MP-1 SEULS OU ASSOCIES A D'AUTRES IMMUNOTHERAPIES
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[72] SRINIVASAN, MOHAN, US
[72] WANG, CHIANGYU, US
[72] SELBY, MARK J., US
[72] CHEN, BING, US
[72] CARDARELLI, JOSEPHINE M., US
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[73] E. R. SQUIBB & SONS, L.L.C., US
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[54] ENSEMBLE APPLICATEUR DE COLORANT CAPILLAIRE A OXYDATION A L'AIR ET PROCEDE DE COLORATION ASSOCIE
[72] MASSONI, JACK T., US
[72] OLSSON, ALAN, US
[72] MACKINSON, PETER, US
[72] CHAN, KEVIN, US
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[54] PROCEDES VISANT A AUGMENTER LA TOLERANCE AU STRESS ABIOTIQUE ET L'EFFICACITE DE L'UTILISATION D'ENGRAIS D'UNE PLANTE
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[72] SHOSHAN, AVI, IL
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[72] FINKERS, HENDRIKUS JOHANNES, NL
[72] MARIS, PAULUS CORNELIS, NL
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[54] **DISPOSITIF DE SURETE MULTIVERROUILLAGE ET DISPOSITIF DE SEPARATION ASSOCIE**
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- [25] EN
- [54] **POWDER FORGED MEMBER, POWDER MIXTURE FOR POWDER FORGING, METHOD FOR PRODUCING POWDER FORGED MEMBER, AND FRACTURE SPLIT TYPE CONNECTING ROD USING THE SAME**
- [54] **ELEMENT OBTENU PAR FORGEAGE DE POUDRE, MELANGE DE POUDRE DESTINE AU FORGEAGE DE POUDRE, PROCEDE DESTINE A PRODUIRE UN ELEMENT PAR FORGEAGE DE POUDRE ET TIGE DE RACCORD POUR SEPARATION PAR RUPTURE OBTENUE PAR CE PROCEDE**
- [72] SATO, MASAOKI, JP
[72] TAKADA, MINORU, JP
[72] TAKADA, KENTARO, JP
[72] IIDA, ZENJI, JP
[72] KOGURE, RYOSUKE, JP
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- [54] **COMPOUNDS MODULATING C-FMS AND/OR C-KIT ACTIVITY AND USES THEREFOR**
- [54] **COMPOSES MODULANT L'ACTIVITE DE C-FMS ET/OU DE C-KIT ET UTILISATIONS ASSOCIEES**
- [72] ZHANG, CHAO, US
[72] ZHANG, JIAZHONG, US
[72] IBRAHIM, PRABHA N., US
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[72] BREMER, RYAN, US
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- [72] MILORD, JOSEPH DONATO, CA
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- [72] SCOTT, SHERRY LEE LORRAINE, CA
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[73] SCHLUMBERGER CANADA LIMITED, CA
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[72] NISHII, TAIKI, JP
[72] OKAJIMA, YOSHIIHIKO, JP
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[72] ESTELL, DAVID A., US
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[54] **COMPOSITIONS DESTINEES A REDUIRE LES SIGNES DU VIEILLISSEMENT DE LA PEAU RENFERMANT UN PROMOTEUR DE TROPOELASTINE ET UN AGENT DE RETICULATION DE TROPOELASTINE**
[72] KIZOULIS, MENAS G., US
[72] SOUTHALL, MICHAEL, US
[72] TUCKER-SAMARAS, SAMANTHA D., US
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[72] YAMADA, NOBUHIRO, JP
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[72] ELLIOTT, ERIC L., US
[72] LANGSTON, MARIANNE, US
[72] LANGSTON, STEVEN P., US
[72] MCCUBBIN, QUENTIN J., US
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[72] FATIMI, AHMED, CA
[72] COUTU, JEAN-MICHEL, CA
[72] RAYMOND, JEAN, CA
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[54] **UTILISATION D'ANNEXINE A5 POUR LE TRAITEMENT DE MALADIE VASCULAIRE**
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[54] **PROCEDE ET COMPOSITIONS POUR LA DETECTION SPECIFIQUE DE MACROMOLECULES PHYSIOLOGIQUEMENT ACCEPTABLES**
[72] TURECEK, PETER, AT
[72] SIEKMANN, JUERGEN, AT
[72] WEBER, ALFRED, AT
[72] GRITSCH, HERBERT, AT
[72] VARADI, KATALIN, AT
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[54] **REVETEMENTS DE BARRIERE ENVIRONNEMENTALE A BASE DE SOLVANT POUR COMPOSANTS EN CERAMIQUE A HAUTE TEMPERATURE**
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[72] BOUTWELL, BRETT ALLEN, US
[73] GENERAL ELECTRIC COMPANY, US
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[72] KELLER, SCOTT, US
[72] GROFT, ERIC, US
[73] KRSTANOVIC, CHRIS, US
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[54] **DISPOSITIF D'ADHERENCE POUR UN PNEU ET METHODE D'UTILISATION**
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[54] **MANGEOIRE A OISEAUX**
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[54] **PACKAGING SYSTEM AND METHOD FOR PACKAGING FIBERS**
[54] **SYSTEME D'EMBALLAGE ET METHODE D'EMBALLAGE DE FIBRES**
[72] VAN ZUYLEN, JEFFREY, CA
[72] DOBROWNEY, RICHARD GRANT, CA
[73] ACCUTECH MEDICAL TECHNOLOGIES INC., CA
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[54] **SYSTEME, PROCEDE ET PRODUIT-PROGRAMME POUR DETECTER LA PRESENCE DE LOGICIELS MALVEILLANTS S'EXECUTANT SUR UN SYSTEME INFORMATIQUE**
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[54] **METHODE ET SYSTEME DE CONCEPTION DE L'ASSEMBLAGE D'OBJETS DANS UN SYSTEME DE CONCEPTION ASSISTEE PAR ORDINATEUR**
[72] DIGUET, MICHAEL, FR
[72] THEETEN, ADRIEN, FR
[72] CHAUVIN, FREDERIC, FR
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- [72] ERMANTRAUT, EUGEN, DE
- [72] KAISER, THOMAS, DE
- [72] SCHULZ, TORSTEN, DE
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- [54] UTILISATION D'ENZYMES PECTINOLYTIQUES DANS LE TRAITEMENT DE PUREE DE FRUIT OU DE LEGUME, ET SEQUENCES ENZYMATIQUES AFFERENTES
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- [72] SEIBOTI, BERNHARD, AT
- [72] MILOS, KLAUDIA, DE
- [72] THEISS, WILFRIED, DE
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[72] MURPHY, DENNIS, US
[73] GLAXO GROUP LIMITED, GB
[73] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
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[54] **APPAREIL ET PROCEDE SERVANT A REDUIRE LA DERIVE D'UN CAPTEUR DE PRESSION PIEZO-RESISTIF ATTRIBUABLE A LA DETENTE PROGRESSIVE DES CONTRAINTES MECANIQUES, AVEC LE TEMPS**
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[73] CODMAN NEURO SCIENCES SARL, CH
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[54] **METHODE DE PRODUCTION DE DIOL OU DE TRIOL**
[72] MORITA, IZUMI, JP
[72] ITO, MASATERU, JP
[72] SAWAI, HIIDEKI, JP
[72] MINEGISHI, SHINICHI, JP
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[54] **METHODE DE FABRICATION D'UN ROTOR DE GENERATRICE**
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[54] **SYSTEME ET METHODE D'ESSAI PARAMETRIQUE POUR VERIFIER LA QUALITE VIDEO**
[72] MIRANDA, VICENTE, US
[72] VILLANUEVA, RAFAEL, US
[73] CONTEC LLC, US
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[54] **METHOD FOR DEMODULATING SIGNALS FROM A MULTI-ACCESS SYSTEM ABLE TO COLLIDE AND EQUIPMENT FOR IMPLEMENTING SAME**
[54] **PROCEDE DE DEMODULATION DE SIGNAUX D'UN SYSTEME MULTI-ACCES POUVANT ENTRER EN COLLISION ET EQUIPEMENT DE MISE EN OEUVRE**
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[73] THALES, FR
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[54] **SYSTEME DE REPARTITION D'ENERGIE POUR PRODUCTION ELECTROLYTIQUE D'HYDROGENE A PARTIR D'ENERGIE EOLIENNE**
[72] STEMP, MICHAEL, CA
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[54] **TURBODETENDEUR ET PROCEDE D'UTILISATION D'AUBES DIRECTRICES D'ENTREE ORIENTABLES A L'ADMISSION DU COMPRESSEUR**

[72] MARIOTTI, GABRIELE, IT

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[72] RZESZUTEK, RICHARD J., CA

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[54] **PROFIL AERODYNAMIQUE OPTIMISE POUR UNE AUBE MOBILE DE TURBINE, EN PARTICULIER POUR UNE TUYERE DU DEUXIEME ETAGE D'UNE TURBINE**

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[72] MARCHE, PIERRE, FR

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[54] **DISPOSITIF DE STOCKAGE ET DE DISTRIBUTION D'AIGUILLES POUR DISPOSITIF D'ADMINISTRATION DE MEDICAMENTS**

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[72] SCHOONMAKER, RYAN, US

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[73] INDUSTRIE BORLA S.P.A., IT
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[72] CHICH, ADEM, US
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[72] CHO, TEI HWAN, KR

[72] PARK, HAN GIL, KR

[73] HYUNDAI MOTOR COMPANY, KR

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[73] BLACKBERRY LIMITED, CA
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[72] HANNA, CHARLIE, US
[72] RUSSELL, TIMOTHY, US
[73] BSH HOME APPLIANCES CORPORATION, US
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[54] **DISPOSITIF D'ETANCHEITE SIMPLIFIE A FAIBLE FORCE D'INSERTION APTE A L'AUTOLIMITATION ET A LA DEVIATION DE JOINT**
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[54] **DERIVES DE GLYCOSIDE ET UTILISATIONS DE CEUX-CI**
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[72] BOCK, MARK G., US
[72] REDDY, DUMBALA SRINIVAS, IN
[72] HAJARE, ATUL KASHINATH, IN
[72] VYAVAHARE, VINOD, IN
[72] BHOSALE, SANDEEP BHAIUSAHEB, IN
[72] KURHADE, SURESH EKNATH, IN
[72] SALUNKHE, VIDESH, IN
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[54] **ENVELOPPE DE COLLECTEUR PLEINE PROFONDEUR AVEC BORDURE LATÉRALE INTÉGRÉE POUR APPAREIL ELECTROMENAGER**
[72] MAY, GEORGE, US
[72] PENUEL, MICHAEL, US
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[72] HALLORAN, KEVIN JOHN, US
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[73] VIALLE GROUP B.V., NL
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[72] MACPIERSON, JACK A., US
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[72] SANTHANAM, UMA, US
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[72] ABRAHAMSON, JOHN, NZ
[73] ARCACTIVE LIMITED, NZ
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[54] **AGENT DE SOUTÈNEMENT COMPRENANT UNE MATIERE VITROCERAMIQUE**
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- [73] VIIV HEALTHCARE COMPANY, US
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- [54] **CONVERTISSEUR MULTINIVEAU ET METHODE DE COMMANDE POUR L'UTILISATION D'UN CONVERTISSEUR MULTINIVEAU**
- [72] DUJIC, DRAZEN, CH
- [72] CANALES, FRANCISCO, CH
- [72] MESTER, AKOS, CH
- [73] ABB SCHWEIZ AG, CH
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[54] COMPOSITIONS PESTICIDES RENFERMANT UN COMPOSE CARBOXAMIDE ET UNE ABAMECTINE
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[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] COMPOSITIONS DESTINEES A CONTROLER LES MALADIES DE VEGETAUX RENFERMANT UN COMPOSE CARBOXAMIDE ET UN COMPOSE PYRETHROIDE
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[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[72] NOMAN, SHIBBLEE S. M., US
[72] SANCHEZ, JESSE, US
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[54] **TUBES COMPRESSIBLES POUR LE POSITIONNEMENT D'IMPLANTS, KITS MEDICAUX ASSOCIES ET PROCEDE D'UTILISATION DE CEUX-CI**

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[72] HERNANDEZ, DANIEL, US
[72] KOOB, THOMAS J., US
[73] MIMEDX GROUP, INC., US
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[54] **PROCEDE D'INTERPRETATION DE CAPTEURS DE TEMPERATURE REPARTIS PENDANT TRAITEMENT DE Puits DE FORAGE**

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[72] PIPCHUK, DOUG, CA
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[72] TARDY, PHILIPPE M. J., FR
[73] SCHLUMBERGER CANADA LIMITED, CA
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[72] CONE, DOYLE, US
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[54] **AFFICHAGE D'UNE INTERFACE UTILISATEUR DANS UNE ZONE D'AFFICHAGE DEDIEE**

[72] MOORE, SCOTT DAVID, US
[72] ECKHARDT, JOST, US
[72] FANG, YI, US
[72] DEMAR, RICHARD, US
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[72] CHARLES, PATRICK, FR
[72] PERRIER, MATTHIEU, FR
[73] SEB S.A., FR
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[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA SOLIFENACINE**

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[72] TASAKI, HIROAKI, JP
[73] ASTELLAS PHARMA INC., JP
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[54] **SYSTEME ET PROCEDE DE GESTION DE PROCESSUS DANS UNE INSTALLATION DE MANUTENTION**

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[72] ALYEA, JOSEPH M., US
[72] WONG, CHERIE G., US
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[72] ROTELLA, CHRISTOPHER DAVID, US
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[54] **PROCEDE DE SOUDAGE HYBRIDE ARC/LASER DE PIECES EN ACIER ALUMINISE AVEC GAZ COMPRENANT DE L'AZOTE ET/OU DE L'OXYGENE**

[72] BRIAND, FRANCIS, FR

[72] DUBET, OLIVIER, FR

[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR

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[54] **PROCEDES DE TRAITEMENT DU TROUBLE BIPOLAIRE**

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[72] MELNICK, SUSAN MARIE, US

[73] SK BIOPHARMACEUTICALS CO., LTD., KR

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[54] **BOITES EXTERNES POUR STOCKER ET DISTRIBUER DES DISPOSITIFS MEDICAUX UTILISES PENDANT DES PROCEDURES CHIRURGICALES ET PROCEDES POUR CEUX-CI**

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[72] VENTON-WALTERS, ROY, US
[72] BUJOLD, MICHAEL P., US
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[72] SLOTH, ERIK, DK
[72] BENDTSEN, THOMAS FICHTNER, DK
[72] KNUDSEN, LARS, DK
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[73] DOW AGROSCIENCES LLC, US
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[54] **SYSTEME ET PROCEDE DE REVETEMENT DE PAROI CONSTITUE DE FILS SOUDES POUR STRUCTURE DE TERRE STABILISEE MECANIQUEMENT**
[72] TAYLOR, THOMAS P., US
[73] T & B STRUCTURAL SYSTEMS LLC, US
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[72] PAUROLA, PENTTI, FR
[72] VINDSPOLL, HARALD, NO
[72] GRANDE, KNUF VEBJORN, NO
[72] HOFSTAD, KARINA HEITNES, NO
[73] STATOIL ASA, NO
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[72] SARIH, BRANKO, US
[72] AMIREHTESHAMI, DAVID HASSAN, US
[73] THE BOEING COMPANY, US
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[73] FINETRACK, JP
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[54] **MALLETES DE TRANSPORT A COMPARTIMENT A COQUE RIGIDE ET COMPARTIMENT A COQUE SOUPLE**
[72] MURPHY, KEVIN, US
[73] PELICAN PRODUCTS, INC., US
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[54] **UN Puits COMPORTANT UNE BOITE DE COMMUNICATION**
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[72] JARVIS, LESLIE DAVID, GB
[73] METROL TECHNOLOGY LIMITED, GB
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[54] **PROCEDE DE STABILISATION DE BOISSONS FERMENTEES AVEC DES LEVURES**
[72] NOORDMAN, TOM REINOUD, NL
[72] VAN DER NOORDT, MARCEL, NL
[72] RICHTER, ANNEKE, NL
[73] HEINEKEN SUPPLY CHAIN B.V., NL
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[54] **COMPOSES CHIMIQUES**
[72] DIEBOLD, ROBERT BRUCE, US
[72] GERO, THOMAS, US
[72] GROVER, PAUL, US
[72] HUANG, SHAN, US
[72] IOANNIDIS, STEPHANOS, US
[72] OGOE, CLAUDE AFONA, US
[72] SAEH, JAMAL CARLOS, US
[72] VARNES, JEFFREY GILBERT, US
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[54] **ELECTRODE DE PILE A COMBUSTIBLE A DIFFUSION DE GAZ ET FONCTIONS ELECTROCATALYTIQUES**

[72] SASAKI, NAOKAZU, JP

[72] MATSUBAYASHI, KATSUYUKI, JP

[72] IIDA, KYOSUKE, JP

[72] IMASHIRO, YASUO, JP

[72] OZAKI, JUN-ICHI, JP

[73] NATIONAL UNIVERSITY CORPORATION GUNMA UNIVERSITY, JP

[73] NISSHINBO HOLDINGS INC., JP

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[54] **DISPOSITIF D'EJECTION ET BOITIER POUR VU DUDIT DISPOSITIF**

[72] SAUER, DIETER, DE

[72] HIERONYMUS, FRANK, DE

[72] SCHWARZ, GERHARD, DE

[73] COOPER CROUSE-HINDS GMBH, DE

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[54] **OUTIL ACTIVE PAR TRANSDUCTEUR MUNI D'UNE CONDUITE D'EAU**

[72] GUARAGNO, KENNETH R., US

[72] BARTO, MATTHEW VAN, US

[72] SENSABAUGH, CYNTHIA F., US

[72] MASCOLA, JENNIFER LYNN, US

[73] DENTSPLY INTERNATIONAL INC., US

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[54] **TOOTHBRUSHING MONITORING DEVICE**

[54] **DISPOSITIF DE SURVEILLANCE DE BROSSAGE DES DENTS**

[72] MERIHEINA, ULF, FI

[72] KAUPPINEN, OSSI, FI

[72] VIILANEN, TEJO, FI

[72] PUURUNEN, JUHA-PEKKA, FI

[73] BRUSHGATE OY, FI

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[54] **MOTEUR DE NOYAU INTELLIGENT**

[72] DODDERI, RUCHACLI, IN

[72] INGLE, PANKAJ GHANSHYAM, IN

[72] DOK, HRISHIKESH RAVINDRA, IN

[72] LALWANI, MANISH, IN

[72] MAHAJAN, VIJAYKUMAR MAROTIRAO, IN

[73] ACCENTURE GLOBAL SERVICES LIMITED, IE

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[54] **PROCEDE DE COUPLAGE SELECTIF DE DISPOSITIF DE COMMANDE SANS FIL A DES INSTRUMENTS MEDICAUX/DENTAIRES MULTIPLES**

[72] LINT, KEVIN KENNETT, US

[72] REAGAN, JOSEPH ROBERT, US

[73] DENTSPLY INTERNATIONAL INC., US

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[54] RECIPIENT AUX PROPRIETES D'OUVERTURE AMELIOREES, FORME AU MOYEN D'UN ROULEAU, PAR TRAITEMENT THERMIQUE D'ETIRAGE DE COUCHES POLYMERES
[72] WOLTERS, MICHAEL, DE
[72] LORENZ, GUENTHER, DE
[72] SCHMIDT, HOLGER, DE
[72] BISCHOFF, JOERG, DE
[73] SIG TECHNOLOGY AG, CH
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[54] A PROTECTIVE COVER FOR A SHAVING CARTRIDGE, A SHAVING ASSEMBLY, A RAZOR, A METHOD OF SHAVING WITH SUCH A RAZOR AND A METHOD OF MANUFACTURING A PROTECTIVE COVER
[54] CAPUCHON DE PROTECTION POUR UNE CARTOUCHE DE RASAGE, ENSEMBLE DE RASAGE, RASOIR, PROCEDE DE RASAGE AVEC UN TEL RASOIR ET PROCEDE DE FABRICATION D'UN CAPUCHON DE PROTECTION
[72] PSIMADAS, YIANNIS MARIOS, GR
[72] BOZIKIS, IOANNIS, GR
[72] IACCARINO, LUCA, GR
[73] BIC-VIOLEX SA, GR
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[54] SYSTÈME DE CHIRURGIE ASSISTÉE PAR ORDINATEUR DÉCLENCÉE PAR LA PROXIMITÉ ET PROCÉDE ASSOCIÉ
[72] BOUTIN, YANNICK, CA
[72] ABIVEN, JEAN-GUILLEAUME, CA
[72] CHEVRIER, MATHIEU, CA
[73] ORTHIOSOFT INC., CA
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[72] ELKINGTON, PETER ADRIAN SPENCER, GB
[72] ASSOUS, SAID, GB
[73] REEVES WIRELINE TECHNOLOGIES LIMITED, GB
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[54] DISPOSITIF POUR MAINTENIR ET POSITIONNER UN EQUIPEMENT AU NIVEAU D'UNE CAGE A POISSON ET PROCEDE POUR NOURRIR DU POISSON DANS LA CAGE
[72] SKAGEN, AAGE, NO
[73] SKAGEN, AAGE, NO
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[72] ALI, MEZHER HUSSEIN, GB
[72] BROOKINGS, DANIEL CHRISTOPHER, GB
[72] BROWN, JULIEN ALISTAIR, GB
[72] FORD, DANIEL JAMES, GB
[72] FRANKLIN, RICHARD JEREMY, GB
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[72] BREMBERG, ULF, SE
[72] LINDEN, AURI, SE
[72] VON KIESERITZKY, FRIEDRIK, SE
[73] AXELAR AB, SE
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[54] **SYSTEME DE GESTION D'ENERGIE ADAPTATIVE**
[72] EMADI, ALI, CA
[72] SIROUSPOUR, SHAHIN, CA
[72] MALYSZ, PAWEŁ, CA
[73] MCMASTER UNIVERSITY, CA
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[54] **CAPTEUR SCLERAL**
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[72] MEYER, STEFAN, DE
[73] IMPLANDATA OPHTHALMIC PRODUCTS GMBH, DE
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[54] **PROCEDE DE PRODUCTION D'ENGRAIS CONTENANT DU SOUFRE MICRONISE DISPERSE**
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[72] ABRY, RAYMOND G.F., CA
[72] BEASLEY, TODD, CA
[72] JOHNSON, RICHARD LYLE, CA
[73] CCR TECHNOLOGIES, LTD., CA
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[54] **APPAREIL DE COIFFURE**
[72] FORD, TOM, GB
[72] SIMS, RICHARD, GB
[72] SINCLAIR, JOHN ALLAN, GB
[72] MCPHERSON, JAMIE, GB
[73] JEMELLA LIMITED, GB
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[72] LINA, CESAR, US
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[72] ALLYN, ROBERT, US
[73] KPR U.S., LLC, US
[85] 2013-03-05
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[54] **METHOD AND SYSTEM FOR DETERMINING IDENTITY/PRESENCE OF A MOBILE DEVICE USER FOR CONTROL AND INTERACTION IN CONTENT DISTRIBUTION**
[54] **PROCEDE ET SYSTEME ADAPTES POUR DETERMINER L'IDENTITE/LA PRESENCE DE L'UTILISATEUR D'UN DISPOSITIF MOBILE EN VUE D'UN CONTROLE ET D'UNE INTERACTION DANS UN ENVIRONNEMENT DE DISTRIBUTION DE CONTENU**
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[73] THOMSON LICENSING, FR
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[54] **DISPOSITIF DE COMMANDE DE PEDALE POUR DETARTEUR DENTAIRE**
[72] GUARAGNO, KENNETH R., US
[73] DENTSPLY INTERNATIONAL INC., US
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- [54] **DERIVE D'IMIDAZOLE A HETEROCYCLE FUSIONNE AYANT UN EFFET D'ACTIVATION DE L'AMPK**
- [72] TONOGAKI, KEISUKE, JP
- [72] INO, AKIRA, JP
- [72] KOJIMA, EIICHI, JP
- [72] KATOU, MANABU, JP
- [72] IWATSU, MASAFUMI, JP
- [72] TANAKA, NOBUYUKI, JP
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- [54] **ADAPTATION DES POLITIQUES D'UN RESEAU SUR LA BASE DE LA CONFIGURATION DES PROCESSEURS DE SERVICE D'UN DISPOSITIF**
- [72] RALEIGH, GREGORY G., US
- [72] LAVINE, JAMES, US
- [73] HEADWATER RESEARCH LLC, US
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- [54] **APPAREIL D'ACCOUPLEMENT D'ARBRE HYDRAULIQUE**
- [72] PERCIVAL, JEFFREY D., US
- [73] TAYLOR CABLE PRODUCTS, INC., US
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- [73] GARNET, JEREMY M., CA
- [86] (2812588)
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- [54] **COMMANDE DE TAUX D'ACCELERATION DE REGULATEUR DE VITESSE ADAPTATIF**
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- [73] ROBERT BOSCH GMBH, DE
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- [54] **REVITALISANTES NON SOLIDES A LAISSER SUR LA PEAU, CONTENANT DE L'ACIDE 12-[(12-HYDROXYOCTADECANOYL)OX Y]OCTADECANOIQUE**
- [72] MADISON, STEPHEN ALAN, US
- [72] MOADDEL, TEANOOSH, US
- [72] HARICHIAN, BIJAN, US
- [72] ROSA, JOSE GUILLERMO, US
- [72] MELDRUM, HELEN, US
- [72] LEE, JIANMING, US
- [73] UNILEVER PLC, GB
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- [72] YEAGER, DONALD SCOTT, US
- [72] MENARD, JEFFREY RAYMOND, US
- [72] DINSMORE, NICHOLAS ROWE, US
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[54] **SYSTEME ET PROCEDE DE GESTION DE CONFORMITE DES FLUIDES AUX SITES DE FORAGE ET AUX ALENTOURS**
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[72] PECHT, JASON, CA
[72] LATURNUS, KYLE, CA
[72] MCALLISTER, COREY KENNETH, CA
[73] SUMMIT LIABILITY SOLUTIONS INC., CA
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[72] BROWN, GILES, GB
[72] HIGGINBOTTOM, MICHAEL, GB
[72] STEWART, ALISON, GB
[72] PATIENT, LEE, GB
[72] CARLEY, ALLISON, GB
[72] SIMPSON, IAIN, GB
[72] SAVORY, EDWARD DANIEL, GB
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[72] ALLEN, KATHERINE, US
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[72] KOLLS, BROCK H., US
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[54] **SYSTEME ET PROCEDE DE GESTION D'INTERACTIONS COMMERCANT-CONSUMMATEUR**
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[72] BROWN, SAMUEL N., US
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[72] WILKINSON, AARON, US
[72] MENEFEE, MICHAEL, US
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[72] VELAYUTHAM, SENTHIL K., US
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[54] **FANWHEEL ATTACHMENT USING EXPANSION-TOLERANT CONICALLY TAPERED RINGS**
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[72] REVILLIOT, DOMINIQUE GEORGES, FR
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[72] GODICHON, ALAIN FRANCOIS-EMILE, FR
[73] HOWDEN SOLYVENT-VENTEC, FR
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[54] **ANTIGENE ISC-507 ASSOCIE A UNE TUMEUR SERVANT AU DIAGNOSTIC DU CANCER DE LA PROSTATE**
[72] SAHIN, UGUR, DE
[72] TURECI, OZLEM, DE
[72] KOSLOWSKI, MICHAEL, DE
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[73] JOHANNES GUTENBERG-UNIVERSITAT MAINZ, VERTRETEN DURCH DEN PRASIDENTEN, DE
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[54] **SYSTEME ET PROCEDE POUR DETERMINER L'ORIENTATION DE L'AFFICHAGE D'UN APPAREIL MOBILE**
[72] GARDENFORS, DAN ZACHARIAS, SE
[72] ALMALKI, NAZIH, CA
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[72] MOHANTY, PRAVANSU S., US
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[54] **PROCEDE ET REACTEUR DE CRAQUAGE D'HYDROCARBURES ET PROCEDE DE REVETEMENT DU REACTEUR**
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[72] PENG, WENQING, US
[72] WANG, SHIZHONG, US
[72] LIN, CHUAN, US
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[54] **VERSEUR, PROCEDE POUR PRODUIRE UN VERSEUR ET FERMETURE DE CONTENANT POURVU D'UN TEL VERSEUR**
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[72] COOYMANS, LUDWIG PAUL, BE
[72] DEMIN, SAMUEL DOMINIQUE, BE
[72] HU, LILI, BE
[72] JONCKIERS, TIM HUGO MARIA, BE
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[54] **STRUCTURE DE CONNEXION ENTRE LA VOLUTE D'UN VENTILATEUR DE SOUFFLAGE ET L'INTERFACE DE CONVERSION**
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[72] JIA, SONG, CN
[72] LUO, YUNYI, CN
[72] YANG, WENBO, CN
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- [54] **PROCEDE PERMETTANT DE CONFERER DES PROPRIETES HYDROFUGES A UN MATERIAU FIBREUX ET MATERIAUX HYDROPHOBES AINSI OBTENUS**
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[72] ATHANASIOU, ATHANASIA, IT
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- [54] **CELLULAR SHADE ASSEMBLY AND METHOD FOR CONSTRUCTING SAME**
- [54] **ENSEMBLE DE STORE ALVEOLAIRE ET PROCEDE DE CONSTRUCTION DE CELUI-CI**
- [72] RUFF, JOHN D., US
[72] CHESLOCK, SCOTT R., US
[73] HUNTER DOUGLAS INC., US
- [85] 2013-07-04
[86] 2012-01-05 (PCT/US2012/020264)
[87] (WO2012/094448)
[30] US (12/985,936) 2011-01-06

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[13] C
- [51] **Int.Cl.** A01C 7/20 (2006.01)
- [25] EN
- [54] **AN INDUCTOR BOX FOR AN AGRICULTURAL IMPLEMENT HAVING COMPRESSION LIMITERS**
- [54] **BOITE D'INDUCTION POUR UNE MACHINE AGRICOLE COMPORTANT DES LIMITEURS DE COMPRESSION**
- [72] CONNORS, MICHAEL, US
[72] JOHNSON, CHAD MICHAEL, US
[72] PRICKEL, MARVIN A., US
[73] CNH INDUSTRIAL AMERICA LLC, US
- [86] (2823916)
[87] (2823916)
[22] 2013-08-20
[30] US (13/737,657) 2013-01-09

- [11] 2,824,122
[13] C
- [51] **Int.Cl.** A01C 7/20 (2006.01)
- [25] EN
- [54] **GATE RETENTION FOR AN INDUCTOR BOX OF AN AGRICULTURAL IMPLEMENT**
- [54] **BARRIERE DE RETENUE POUR BOITE D'INDUCTION D'UNE MACHINE AGRICOLE**
- [72] JOHNSON, CHAD M., US
[72] PRICKEL, MARVIN A., US
[72] CONNORS, MICHAEL J., US
[73] CNH INDUSTRIAL AMERICA LLC, US
- [86] (2824122)
[87] (2824122)
[22] 2013-08-21
[30] US (13/737,334) 2013-01-09

- [11] 2,824,131
[13] C
- [51] **Int.Cl.** A01C 15/04 (2006.01)
- [25] EN
- [54] **SEED INDUCTOR FOR AN AGRICULTURAL IMPLEMENT HAVING AN ADJUSTABLE AIR BYPASS**
- [54] **DISPOSITIF D'INDUCTION DE SEMENCES POUR UNE MACHINE AGRICOLE A DERIVATION D'AIR REGLABLE**
- [72] JOHNSON, CHAD M., US
[72] LEGNER, FRANK C., III, US
[72] PRICKEL, MARVIN A., US
[72] CONNORS, MICHAEL J., US
[73] CNH INDUSTRIAL AMERICA LLC, US
- [86] (2824131)
[87] (2824131)
[22] 2013-08-21
[30] US (13/737,873) 2013-01-09

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[25] FR
[54] **METHOD AND KIT FOR DETERMINING, IN VITRO, THE IMMUNITY STATUS OF A PERSON**
[54] **PROCEDE ET KIT POUR DETERMINER IN VITRO LE STATUT IMMUNITAIRE D'UN INDIVIDU**
[72] DAVIN, FANNY, FR
[72] LEPAPE, ALAIN, FR
[72] MONNIERET, GUILLAUME, FR
[72] FRAGER, FLORENCE, FR
[73] BIOMERIEUX, FR
[73] HOSPICES CIVILS DE LYON, FR
[85] 2013-07-10
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[87] (WO2012/101387)
[30] FR (1150646) 2011-01-27

[11] 2,824,382
[13] C

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[25] FR
[54] **DEVICE FOR SEARCHING FOR DEFECTS ON PARTS BY ENDOSCOPY**
[54] **DISPOSITIF DE RECHERCHE DE DEFAUTS SUR DES PIECES PAR ENDOSCOPIE**
[72] BOUSQUET, SADIA, FR
[72] CENDRIER, PASCAL, FR
[72] LEMOAL, JEAN-CLAUDE, FR
[72] ROVEGNO, JEAN, FR
[73] SNECMA, FR
[85] 2013-07-10
[86] 2012-02-28 (PCT/FR2012/050411)
[87] (WO2012/117196)
[30] FR (1151616) 2011-02-28
[30] FR (1152123) 2011-03-15

[11] 2,825,784
[13] C

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[54] **SEED DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE GRAINE**
[72] WENDITE, KEITH W., US
[72] ADAMS, BRIAN T., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2825784)
[87] (2825784)
[22] 2013-08-29
[30] US (13/732,676) 2013-01-02

[11] 2,827,742
[13] C

[51] **Int.Cl. G06T 7/00 (2017.01) A61B 5/055 (2006.01) A61B 6/00 (2006.01) A61B 8/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ISOLATING A POTENTIAL ANOMALY IN IMAGING DATA AND ITS APPLICATION TO MEDICAL IMAGERY**
[54] **PROCEDE ET APPAREIL POUR ISOLER UNE ANOMALIE POTENTIELLE DANS DES DONNEES D'IMAGERIE ET APPLICATION A L'IMAGERIE MEDICALE**
[72] CHANDELIER, FLORENT A. ROBERT, CA
[72] VINCENT, THOMAS BERNARD PASCAL, CA
[73] CADENS IMAGERIE MEDICALE INC. / CADENS MEDICAL IMAGING INC., CA
[85] 2013-08-19
[86] 2012-02-24 (PCT/CA2012/000172)
[87] (WO2012/113069)
[30] US (61/446,342) 2011-02-24

[11] 2,828,417
[13] C

[51] **Int.Cl. F02C 3/34 (2006.01) F02C 3/04 (2006.01) F02C 3/20 (2006.01) F02C 7/141 (2006.01)**
[25] EN
[54] **METHODS OF VARYING LOW EMISSION TURBINE GAS RECYCLE CIRCUITS AND SYSTEMS AND APPARATUS RELATED THERETO**
[54] **PROCEDES DE VARIATION DE CIRCUITS DE RECYCLAGE DE GAZ D'UNE TURBINE A FAIBLE EMISSION ET SYSTEMES ET APPAREIL S'Y RAPPORTANT**
[72] MITTRICKER, FRANKLIN F., US
[72] HUNTINGTON, RICHARD A., US
[72] STARCHER, LOREN K., US
[72] SITES, O. ANGUS, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2013-08-27
[86] 2012-03-05 (PCT/US2012/027770)
[87] (WO2012/128924)
[30] US (61/466,381) 2011-03-22
[30] US (61/542,035) 2011-09-30

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[13] C

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[25] EN
[54] **SECURE DEVICE PROFILING COUNTERMEASURES**
[54] **CONTRE-MESURES DE PROFILAGE DE DISPOSITIFS SECURISES**
[72] DUVAL, GREGORY, US
[73] NAGRASTAR LLC, US
[86] (2830270)
[87] (2830270)
[22] 2013-10-15
[30] US (13/840,357) 2013-03-15

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[25] EN

[54] AUTONOMOUSLY OPERATED BUOYS WITH POWER GENERATION AND POWER USAGE CONTROL

[54] BOUEES A FONCTIONNEMENT AUTONOME PERMETTANT UNE PRODUCTION D'ENERGIE ET UNE GESTION DE L'UTILISATION DE L'ENERGIE

[72] EDER, JAMES E., US

[72] SAROKHAN, JOSEPH A., US

[73] OCEAN POWER TECHNOLOGIES, INC., US

[85] 2013-09-24

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[30] US (13/065,679) 2011-03-28

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[25] EN

[54] ANDROGEN RECEPTOR MODULATING CARBOXAMIDES

[54] CARBOXAMIDES MODULANT LES RECEPTEURS D'ANDROGENES

[72] TORMAKANGAS, OLLI, FI

[72] WOHLFAHRT, GERD, FI

[72] SALO, HARRI, FI

[72] RAMASUBRAMANIAN, RATHINA DURGA, FI

[72] PATRA, PRANAB KUMAR, IN

[72] MARTIN, ARPUTHARAJ EBENEZER, IN

[72] HEIKKINEN, TERHI, FI

[72] VESALAINEN, ANNIINA, FI

[72] MOILANEN, ANU, FI

[72] KARJALAINEN, ARJA, FI

[73] ORION CORPORATION, FI

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[51] Int.Cl. H04L 12/931 (2013.01) H04L 12/935 (2013.01) H04L 12/40 (2006.01)

[25] EN

[54] NETWORK TRANSPOSE BOX AND SWITCH OPERATION BASED ON BACKPLANE ETHERNET

[54] BOITE DE TRANSPOSITION RESEAU ET OPERATION DE COMMUTATION BASEE SUR ETHERNET FOND DE PANIER

[72] JUDGE, ALAN M., US

[72] KELLY, MARK N., US

[72] BRAR, JAGWINDER SINGH, US

[72] MARR, MICHAEL DAVID, US

[72] COHN, DANIEL T., US

[73] AMAZON TECHNOLOGIES, INC., US

[85] 2013-09-26

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[30] US (13/074,998) 2011-03-29

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[25] EN

[54] DISPLACEMENT DEVICE FOR SLIDABLE AND TURNABLE SEPARATION ELEMENTS AND FUNCTIONAL ENTITY

[54] DISPOSITIF DE DEPLACEMENT POUR DES ELEMENTS COULISSANTS ET PIVOTANTS ET UNE ENTITE FONCTIONNELLE

[72] HAAB, GREGOR, CH

[72] FREI, MARTIN, CH

[72] ETTMULLER, PETER, CH

[72] HAGGER, STEFAN, CH

[73] HAWA AG, CH

[86] (2832656)

[87] (2832656)

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[30] EP (EP12195580.1) 2012-12-05

[11] 2,833,158
[13] C

[51] Int.Cl. A61K 38/18 (2006.01) C07K 14/475 (2006.01)

[25] EN

[54] VARIANTS OF HUMAN GDNF

[54] VARIANTS DU GDNF

[72] LEUNG, DONMIENNE DOEN MUN, US

[72] LU, JIRONG, US

[72] MERCHANT, KALPANA MAHESH, US

[72] GHANEM, MAHMOUD, US

[72] O'BRYAN, LINDA MAUREEN, US

[72] SMITH, ROSAMUND CAROL, US

[73] ELI LILLY AND COMPANY, US

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[11] 2,833,467
[13] C

[51] Int.Cl. G21F 9/28 (2006.01) G21F 9/30 (2006.01)

[25] FR

[54] DETRITIATION DEVICE AND METHOD

[54] DISPOSITIF ET PROCEDE DE DETRITIATION

[72] GIURELLI, NICOLAS, FR

[72] TRABUC, PIERRE, FR

[72] GASTALDI, OLIVIER, FR

[72] LEJAY, PASCAL, FR

[72] BALAY, JOEL, FR

[72] HADJ-AZZEM, ABDELLAH, FR

[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR

[85] 2013-10-17

[86] 2012-04-23 (PCT/FR2012/050882)

[87] (WO2012/146861)

[30] FR (1153468) 2011-04-21

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[13] C

[51] Int.Cl. B24B 3/00 (2006.01) B24B 9/04 (2006.01)

[25] EN

[54] SHARPENING TOOL, SHARPENING SYSTEM AND KIT

[54] OUTIL D'AIGUISAGE, SYSTEME D'AIGUISAGE ET NECESSAIRE

[72] WELCH, GLENN S., US

[73] WELCH, GLENN S., US

[86] (2833573)

[87] (2833573)

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[30] US (13/681,663) 2012-11-20

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[25] EN
[54] **DRILLING RIG SYSTEM WITH SELF-ELEVATING DRILL FLOOR**
[54] **SYSTEME DE TYPE INSTALLATION DE FORAGE COMPORTANT UN PLANCHER DE FORAGE AUTO-ELEVATEUR**
[72] KONJUC, KAMERON WAYNE, CA
[72] BURLLET, DONALD LEONARD, CA
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2013-10-30
[86] 2012-06-01 (PCT/CA2012/000510)
[87] (WO2012/162800)
[30] US (61/492,786) 2011-06-02

[11] 2,835,275
[13] C

- [51] Int.Cl. F01D 25/16 (2006.01) F02C 7/20 (2006.01)
[25] FR
[54] **TURBOJET ENGINE COLD STREAM FLOW PATH SUSPENDED FROM THE EXHAUST CASE BY RADIAL CREVICE MOUNTS AND LINK RODS**
[54] **SUSPENSION DU CANAL DE FLUX FROID D'UN TURBOREACTEUR PAR DES BIELLETES ET DES CHAPES RADIALES SUR LE CARTER D'ECHAPPEMENT**
[72] RIVIERE, THOMAS GERARD DANIEL, FR
[72] BELLABAL, FRANCOIS ROBERT, FR
[72] RENON, OLIVIER, FR
[72] SEIZE, GUILHEM, FR
[73] SNECMA, FR
[85] 2013-11-06
[86] 2012-05-07 (PCT/FR2012/051011)
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[30] FR (1153946) 2011-05-09

[11] 2,836,586
[13] C

- [51] Int.Cl. B01J 13/20 (2006.01) B03D 1/001 (2006.01) C08J 7/12 (2006.01)
[25] EN
[54] **SYNTHETIC BEADS/BUBBLES FUNCTIONALIZED WITH MOLECULES FOR ATTRACTING AND ATTACHING TO MINERAL PARTICLES OF INTEREST**
[54] **BILLES/BULLES FONCTIONNALISEES AVEC DES MOLECULES SERVANT A ATTIRER ET A FIXER DES PARTICULES DE MINERAUX D'INTERET**
[72] ROTHMAN, PAUL J., US
[72] FERNALD, MARK R., US
[72] DIDDEN, FRANCIS K., US
[72] O'KEEFE, CHRISTIAN V., US
[72] KERSEY, ALAN D., US
[72] ADAMSON, DOUGLAS H., US
[73] CIDRA CORPORATE SERVICES INC., US
[85] 2013-11-18
[86] 2012-05-25 (PCT/US2012/039576)
[87] (WO2012/162609)
[30] US (61/489,893) 2011-05-25
[30] US (61/533,544) 2011-09-12

[11] 2,837,121
[13] C

- [51] Int.Cl. A61B 8/08 (2006.01) A61B 5/103 (2006.01)
[25] EN
[54] **DEVICE AND METHOD FOR MEASURING VIBRATION TRANSMITTANCE OF STERNUM**
[54] **DISPOSITIF ET PROCEDE POUR MESURER L'APTITUDE DU STERNUM A TRANSMETTRE UNE VIBRATION**
[72] BEEV, NIKOLAI, FI
[72] HAUTALAHTI, JUHA, FI
[72] LAURIKKA, JARI, FI
[72] TARKKA, MATTI, FI
[72] HYTTINEN, JARI, FI
[73] TAYS SYDANKESKUS OY, FI
[85] 2013-11-22
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[87] (WO2012/168534)

[11] 2,837,157
[13] C

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[25] EN
[54] **COOLERS WITH STORAGE HOOKS**
[54] **RECIPIENTS DE REFROIDISSEMENT POURVUS DE CROCHETS DE RANGEMENT**
[72] MALDONADO, JOHN ETHAN, US
[72] DUKE, JAMES B., US
[73] IGLOO PRODUCTS CORP., US
[85] 2013-11-22
[86] 2012-05-23 (PCT/US2012/039153)
[87] (WO2012/162398)
[30] US (61/489,480) 2011-05-24

[11] *2,837,769
[13] C

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[25] EN
[54] **FIBRE CHANNEL FORWARDER FABRIC LOGIN SEQUENCE**
[54] **SEQUENCE DE CONNEXION LOGIQUE A UN COMMUTATEUR MATRICIEL D'UN FORWARDER FIBRE CHANNEL**
[72] EISENHAEUER, DANIEL G., US
[72] HATHORN, ROGER G., US
[72] MAY, HENRY J., US
[72] RICCI, LOUIS W., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[30] US (13/152,102) 2011-06-02

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[51] **Int.Cl.** A61F 13/532 (2006.01) A61F 13/535 (2006.01)

[25] EN

[54] **ABSORBENT STRUCTURE FOR ABSORBENT ARTICLES**

[54] **STRUCTURE ABSORBANTE DESTINEE A DES ARTICLES ABSORBANTS**

[72] ROSATI, RODRIGO, DE

[72] KREUZER, CARSTEN HEINRICH, DE

[72] JACKELS, HANS ADOLF, DE

[72] ARIZTI, BLANCA, DE

[72] BIANCHI, ERNESTO G., DE

[72] ROE, DONALD CARROLL, US

[73] THE PROCTER & GAMBLE COMPANY, US

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[13] C

[51] **Int.Cl.** F25B 9/00 (2006.01) F25B 1/10 (2006.01)

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[54] **REFRIGERATION SYSTEM**

[54] **SYSTEME DE REFRIGERATION**

[72] CHRISTENSEN, KIM G., DK

[73] ADVANSOR A/S, DK

[85] 2013-12-11

[86] 2012-06-12 (PCT/IB2012/001995)

[87] (WO2012/176072)

[30] DK (PA 2011 70306) 2011-06-16

[11] 2,840,020
[13] C

[51] **Int.Cl.** H01M 8/0265 (2016.01)

[25] EN

[54] **FUEL CELL INCLUDING A SEPARATOR HAVING CONCAVE AND CONVEX SHAPES**

[54] **PILE A COMBUSTIBLE COMPORTANT UN SEPARATEUR AYANT DES FORMES CONVEXES ET DES FORMES CONCAVES**

[72] HAMADA, SHIGETAKA, JP

[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[85] 2013-12-19

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[51] **Int.Cl.** C12Q 1/6806 (2018.01) C12Q 1/686 (2018.01) C12N 15/10 (2006.01) C12P 19/34 (2006.01) C12Q 1/683 (2018.01) C12N 9/22 (2006.01)

[25] EN

[54] **METHOD, KIT AND COMPOSITION FOR SEGREGATING TARGET NUCLEIC ACID FROM MIXED NUCLEIC ACID SAMPLES**

[54] **METHODE, TROUSSE ET COMPOSITION DE SEGREGATION D'ACIDE NUCLEIQUE CIBLE A PARTIR D'ECHANTILLONS D'ACIDE NUCLEIQUE MIXTES**

[72] FORSYTH, ROGER ALLYN, US

[73] FLIR DETECTION, INC., US

[85] 2013-12-24

[86] 2012-06-26 (PCT/US2012/044256)

[87] (WO2013/003376)

[30] US (61/501,569) 2011-06-27

[11] 2,840,532
[13] C

[51] **Int.Cl.** B65C 9/00 (2006.01)

[25] EN

[54] **TROLLEY FOR SUPPORTING A LABELLING STATION IN A LABELLING MACHINE**

[54] **CHARIOT DE SUPPORT POUR POSTE D'ETIQUETAGE DE MACHINE D'ETIQUETAGE**

[72] CORDIOLI, ANDREA, IT

[73] P.E. LABELLERS S.P.A., IT

[85] 2013-12-24

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[13] C

[51] **Int.Cl.** A61F 13/471 (2006.01) A61F 13/491 (2006.01) A61F 13/495 (2006.01)

[25] EN

[54] **PROTECTIVE DIAPERING SYSTEM**

[54] **SYSTEME DE COUCHE DE PROTECTION**

[72] CLOSE, CLARE E., US

[72] NAVAJAS SOMBITO, MARIA ERES G., US

[73] PROTECTIVE DIAPER, LLC, US

[85] 2013-12-27

[86] 2012-06-21 (PCT/US2012/043608)

[87] (WO2013/003200)

[30] US (13/171,702) 2011-06-29

[11] 2,841,140
[13] C

[51] **Int.Cl.** H04W 12/06 (2009.01)

[25] EN

[54] **RIGHTS CONTROL METHOD AND APPARATUS FOR DIGITAL LIVING NETWORK ALLIANCE**

[54] **PROCEDE DE GESTION DES DROITS ET APPAREIL D'ALLIANCE POUR UN RESEAU NUMERIQUE VIVANT**

[72] FANG, LIJUN, CN

[73] ZTE CORPORATION, CN

[85] 2014-01-08

[86] 2012-05-24 (PCT/CN2012/075975)

[87] (WO2013/086836)

[30] CN (201110422931.7) 2011-12-16

[11] 2,841,319
[13] C

[51] **Int.Cl.** G07C 5/08 (2006.01) G05B 23/02 (2006.01) G06F 11/07 (2006.01)

[25] EN

[54] **SYSTEMS AND METHODS FOR MANAGING FAULT CODES**

[54] **SYSTEMES ET PROCEDES DE GESTION DE CODES DE PANNE**

[72] OLSEN, JOHN A., III, US

[72] BRADLEY, DAVID L., US

[72] HENDRIX, MATTHEW S., US

[73] UNITED PARCEL SERVICE OF AMERICA, INC., US

[85] 2014-01-08

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[25] EN
[54] **PACKET TRAINS TO IMPROVE PACKET SUCCESS RATE IN CARRIER SENSE MULTIPLE ACCESS NETWORKS**
[54] **TRAINS DE PAQUETS DESTINES A AMELIORER LE TAUX DE REUSSITE DES PAQUETS DANS LES RESEAUX A ACCES MULTIPLE PAR DETECTION DE PORTEUSE**
[72] VASSEUR, JEAN-PHILIPPE, FR
[72] HUI, JONATHAN W., US
[73] CISCO TECHNOLOGY, INC., US
[85] 2014-01-14
[86] 2012-07-20 (PCT/US2012/047599)
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[54] **ANTI-FROST COATING**
[54] **COMPOSITION DE REVETEMENT ANTI-GEL**
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[73] NIHON TOKUSHU TORYO CO., LTD., JP
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[25] EN
[54] **SYSTEM AND METHOD FOR ELECTRONIC DISTRIBUTION OF SOFTWARE AND DATA**
[54] **SYSTEME ET PROCEDE PERMETTANT UNE DISTRIBUTION ELECTRONIQUE DE LOGICIELS ET DE DONNEES**
[72] SLOBOODSKY, GENNADY, US
[72] KLIATCHKO, VLADIMIR, US
[72] EDWARDS, SHAWN, US
[72] STORELLI, CLAUDIO, US
[72] SECUNDA, TOM, US
[72] PRABHUDESSAI, NAVANATH, US
[72] POLONSKY, OLEG, US
[72] HIGHSTEIN, SATOKO, US
[73] BLOOMBERG FINANCE L.P., US
[85] 2014-02-07
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[11] 2,845,442
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[25] EN
[54] **METHOD AND APPARATUS FOR BUILDING MOTION VECTOR LIST FOR MOTION VECTOR PREDICTION**
[54] **METHODE ET APPAREIL POUR DRESSER UNE LISTE DE VECTEURS DE MOUVEMENT AUX FINS D'UNE PREDICTION DE VECTEUR DE MOUVEMENT**
[72] LIN, YONGBING, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2014-03-13
[86] 2013-04-07 (PCT/CN2013/073817)
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[54] **A DEVICE FOR PREPARING BEVERAGES AND RELATED PROCESS**
[54] **DISPOSITIF PERMETTANT DE PREPARER DES BOISSONS ET PROCEDE ASSOCIE**
[72] REIMONDO, MARINO, IT
[72] TORNINCASA, STEFANO, IT
[72] BONISOLI, ELVIO, IT
[72] VANNI, ALFREDO, IT
[72] CABILLI, ALBERTO, IT
[72] BUGNANO, LUCA, IT
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[73] POLITECNICO DI TORINO, IT
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[54] **COMPONENT PART FOR INJECTION MOLDING TOOL, INJECTION MOLDING TOOL AND METHOD FOR PRODUCING THE COMPONENT PART**
[54] **COMPOSANT POUR OUTIL DE MOULAGE PAR INJECTION, OUTIL DE MOULAGE PAR INJECTION ET PROCEDE DE PRODUCTION DU COMPOSANT**
[72] GUNTHER, HERBERT, DE
[72] SOMMER, SIEGRID, DE
[72] SCHNELL, TORSTEN, DE
[73] GUNTHER HEISSKANALTECHNIK GMBH, DE
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[54] **TEMPERATURE MONITORING AND CONTROL APPARATUS AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE CONTROLE ET DE COMMANDE DE LA TEMPERATURE**
[72] MIXON, CLAUDE W., US
[73] KNAPPCO CORPORATION, US
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[25] EN
[54] **SPRING CLIP ATTACHMENT FOR A SURFACE COOKING MODULE OF A HOUSEHOLD COOKING APPLIANCE**
[54] **FIXATION DE TYPE AGRAFE A RESSORT POUR UN MODULE DE CUISSON DE SURFACE D'UN APPAREIL DE CUISSON ELECTROMENAGER**
[72] HARWARD, SAMUEL, US
[72] HENEGAR, CLIFFORD, US
[72] RUTHERFORD, MICHAEL, US
[72] SMITH, DONNIE, US
[73] BSH HOME APPLIANCES CORPORATION, US
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[54] **SYSTEM AND APPARATUS FOR REACTIONS**
[54] **SYSTEME ET APPAREIL POUR REACTIONS**
[72] GROVER, SIMON RODERICK, GB
[72] WILKINS, PAUL GRAHAM, GB
[72] ROLLINGS, NICK DAVID, GB
[72] MAYNE, PETER LAURENCE, GB
[72] CHAN, WAI TING, GB
[72] SCOTT, NATALIE FRANCES, GB
[72] FLICK, OLIVIER FERNAND, GB
[72] INNES, HENRY CHARLES, US
[72] DARNBROUGH BEEDHAM, MARTYN GRAY, GB
[72] LONG, NICHOLAS DAVID, GB
[72] HAMMOND, RICHARD JOHN, GB
[73] ALERE SWITZERLAND GMBH, CH
[85] 2014-03-19
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[54] **ULTRASOUND TRANSDUCER AND METHOD FOR MAKING THE SAME**
[54] **TRANSDUCTEUR ULTRASONORE ET PROCEDE DE FABRICATION DE CE DERNIER**
[72] HYNYNEN, KULLERVO, CA
[72] SONG, JUNHO, CA
[73] SUNNYBROOK RESEARCH INSTITUTE, CA
[85] 2014-03-20
[86] 2012-09-20 (PCT/US2012/056393)
[87] (WO2013/043906)
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[25] EN
[54] **METHOD FOR REAL-TIME MONITORING AND TRANSMITTING HYDRAULIC FRACTURE SEISMIC EVENTS TO SURFACE USING THE PILOT HOLE OF THE TREATMENT WELL AS THE MONITORING WELL**
[54] **PROCEDE DE CONTROLE ET DE TRANSMISSION EN TEMPS REEL VERS LA SURFACE D'EVENEMENTS SISMIQUES DANS UNE FRACTURE HYDRAULIQUE PAR L'AVANT-TRON DU Puits DE TRAITEMENT UTILISE COMME Puits DE SURVEILLANCE**
[72] BARTKO, KIRK M., SA
[72] BOULDIN, BRIET WAYNE, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-03-21
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[25] EN
[54] **TRAIN INFORMATION ANNOUNCEMENT SYSTEM**
[54] **SYSTEME DE RADIODIFFUSION DE GUIDAGE DE TRAIN**
[72] YAMADA, TAKESHI, JP
[73] THE NIPPON SIGNAL CO., LTD., JP
[85] 2014-03-28
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WITH A SIDE SWING OVEN
DOOR HAVING A FRICTION
HINGE**
[54] **APPAREIL ELECTROMENAGER
DE CUISSON DOTE D'UNE PORTE
DE FOUR BATTANTE LATERALE
A CHARNIERE A FRICTION**
[72] GAYLE, JAMES, US
[72] GEIGER, JOSEPH, US
[72] MAY, GEORGE, US
[72] REUTER, FELIX, DE
[73] BSH HOME APPLIANCES
CORPORATION, US
[86] (2853572)
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[11] 2,853,774
[13] C

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[25] EN
[54] **HOME COOKING APPLIANCE
WITH A SIDE SWING OVEN
DOOR HAVING AN INTEGRAL
SELF CAPTURING LATCH**
[54] **APPAREIL ELECTROMENAGER
DE CUISSON POURVU D'UNE
PORTE DE FOUR PIVOTANTE
LATERALE DOTE D'UN
VERROU A CAPTURE
AUTOMATIQUE INTEGRE**
[72] GAYLE, JAMES, US
[72] GEIGER, JOSEPH, US
[73] BSH HOME APPLIANCES
CORPORATION, US
[86] (2853774)
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AUTONOMOUS CRAWLING
ASSEMBLY EQUIPMENT**
[54] **PATTES MULTIFONCTIONS
POUR EQUIPEMENT
D'ASSEMBLAGE SUR CHENILLES
AUTONOME**
[72] SARIH, BRANKO, US
[72] GAMBOA, JAMES DARRYL, US
[73] THE BOEING COMPANY, US
[86] (2853847)
[87] (2853847)
[22] 2014-06-06
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[11] 2,855,733
[13] C

[51] Int.Cl. F25B 9/00 (2006.01) F25B
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[25] EN
[54] **CO2 REFRIGERATION SYSTEM
WITH HOT GAS DEFROST**
[54] **SYSTEME DE REFRIGERATION
AU CO2 DOTE D'UN DEGIVRAGE
PAR GAZ CHAUDS**
[72] CHRISTENSEN, KIM, DK
[72] BITTNER, JOHN D., US
[72] HINDE, DAVID K. (DECEASED), US
[72] MARTIN, SCOTT J., US
[73] HILL PHOENIX, INC., US
[85] 2014-05-12
[86] 2012-11-16 (PCT/US2012/065522)
[87] (WO2013/078088)
[30] US (61/562,162) 2011-11-21

[11] 2,856,562
[13] C

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[25] EN
[54] **MULTIPLAYER GAMING
SYSTEM**
[54] **SYSTEME DE JEU MULTIJOUER**
[72] KIRNSTOTTER, FLORIAN, AT
[73] NOVOMATIC AG, AT
[85] 2014-05-21
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[30] GB (1120211.6) 2011-11-23

[11] 2,858,492
[13] C

[51] Int.Cl. A01B 73/02 (2006.01)
[25] EN
[54] **AGRICULTURAL IMPLEMENT
WITH COMPOUND HINGE
ARRANGEMENT**
[54] **ELEMENT AGRICOLE AVEC
AGENCEMENT DE CHARNIERE
COMBINEE**
[72] ZACHARIAS, DARWIN L., CA
[72] THOMPSON, DENNIS G., CA
[72] NAYLOR, MATTHEW S., CA
[72] CHAHLEY, DENNIS W., CA
[73] CNH INDUSTRIAL CANADA, LTD.,
CA
[86] (2858492)
[87] (2858492)
[22] 2014-08-06
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[13] C

[51] Int.Cl. H01R 13/623 (2006.01) G01V
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H01R 13/627 (2006.01) H01R 13/629
(2006.01) H01R 43/16 (2006.01)
[25] EN
[54] **THREAD LOCKING FEATURE
FOR USE WITH CONNECTORS**
[54] **CARACTERISTIQUE DE
VERROUILLAGE FILETEE
DEVANT ETRE UTILISEE AVEC
DES CONNECTEURS**
[72] CAMERON, RANDALL V., CA
[72] WOOD, TERRY E., CA
[73] INOVA LTD., KY
[85] 2014-06-10
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[13] C

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[54] **ADJUSTABLE MOUNTING DEVICE FOR A SLIDING ELEMENT AND SLIDING DEVICE**

[54] **DISPOSITIF DE MONTAGE REGLABLE POUR ELEMENT COULISSANT ET DISPOSITIF COULISSANT**

[72] HAAß, GREGOR, CH

[72] ETTMÜLLER, PETER, CH

[72] KAPPELER, MYRTA, CH

[72] YEZZA, NEJIB, CH

[73] HAWA AG, CH

[86] (2860053)

[87] (2860053)

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[11] 2,861,020
[13] C

[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/427 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 519/00 (2006.01)**

[25] EN

[54] **4-(BENZOIMIDAZOL-2-YL)-THIAZOLE COMPOUNDS AND RELATED AZA DERIVATIVES AND THEIR USE AS CXCR3 RECEPTOR MODULATORS**

[54] **COMPOSES DE 4-(BENZOIMIDAZOL-2-YL)-THIAZOLE ET DERIVES AZA ASSOCIEES ET LEUR UTILISATION COMME MODULATEURS DU RECEPTEUR CXCR3**

[72] CAROFF, EVA, CH

[72] KELLER, MARCEL, CH

[72] KIMMERLIN, THIERRY, CH

[72] MEYER, EMMANUEL, CH

[73] IDORSIA PHARMACEUTICALS LTD, CH

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[54] **POLYMERIC DEVICE TO PROTECT PIPE COUPLING**

[54] **DISPOSITIF POLYMERES DESTINE A LA PROTECTION D'UN MANCHON DE RACCORD DE TUYAU**

[72] ZHURAVLEV, ALEXEY YUREVICH, RU

[72] LOMAZOV, GRIGORY VLADIMIROVICH, RU

[72] PETROV, IGOR VLADIMIROVICH, RU

[73] MPR S.R.L., IT

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[13] C

[51] **Int.Cl. G06F 3/041 (2006.01) G06F 3/048 (2013.01)**

[25] EN

[54] **HYBRID TOUCH SCREEN DEVICE AND METHOD FOR OPERATING THE SAME**

[54] **DISPOSITIF A ECRAN TACTILE HYBRIDE ET SON PROCEDE DE FONCTIONNEMENT**

[72] CHOI, YOUNG-JIN, KR

[72] SHIN, HO-SEUNG, KR

[72] LEE, JU-SEUNG, KR

[73] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2014-07-16

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[13] C

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[54] **METHOD AND SYSTEM TO PROVIDE A SCROLL MAP**

[54] **PROCEDE ET SYSTEME PERMETTANT DE PRODUIRE UNE CARTE A DEFILEMENT**

[72] MACLAURIN, MATTHEW BRET, US

[72] DANDEKAR, JAI, US

[72] CHEN, HSIN-YI, US

[72] KOPPAKA, BIANU, US

[72] CHITTAR, NAREN, US

[72] SHEELEY, JOHN, US

[72] KAUSHAL, GOVIND, US

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[13] C

[51] **Int.Cl. E04B 1/348 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR CONSTRUCTION OF A BUILDING**

[54] **PROCEDE ET SYSTEME DE CONSTRUCTION D'UN BATIMENT**

[72] MALAKAUSKAS, GIEDRIUS, NL

[72] BALTRAMIEJUNAS, MARIUS, NL

[72] MÜLLER, HARALD DIETER, BE

[72] ANDERSSON, ERIK ROGER, PL

[72] HATTIG, THOMAS, DE

[72] SODEMANN, STEEN TORBEN, BE

[72] MÜLLER, PHILIP, PL

[73] VASTINT HOSPITALITY B.V., NL

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[87] (WO2013/110616)

[30] SE (1250043-5) 2012-01-23

[30] SE (1250044-3) 2012-01-23

[30] US (61/589,626) 2012-01-23

[30] US (61/589,635) 2012-01-23

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 [25] EN
 [54] PREFABRICATED MODULE FOR A BUILDING
 [54] MODULE PREFABRIQUE POUR UN BATIMENT
 [72] MALAKAUSKAS, GIEDRIUS, NL
 [72] BALTRAMIIJUNAS, MARIUS, NL
 [72] MULLER, HARALD DIETER, BE
 [72] ANDERSSON, ERIK ROGER, PL
 [72] HATTIG, THOMAS, DE
 [72] SODEMANN, STEEN TORBEN, BE
 [72] MULLER, PHILIP, PL
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 [30] US (61/589,644) 2012-01-23

[11] 2,863,936

[13] C

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 [25] EN
 [54] METAL POWDER PROCESSING EQUIPMENT
 [54] EQUIPEMENT DE TRAITEMENT DE POUDRE METALLIQUE
 [72] AMAYA, KOICHI, JP
 [72] KATO, TOSHIHIKO, JP
 [72] MATSUBARA, HIDETO, JP
 [72] YOSHIDA, MITSUYOSHI, JP
 [73] MATSUURA MACHINERY CORPORATION, JP
 [86] (2863936)
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 [30] JP (JP2014-077654) 2014-04-04

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[13] C

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 [25] EN
 [54] A SYSTEM FOR HIGH RELIABILITY AND HIGH PERFORMANCE APPLICATION MESSAGE DELIVERY
 [54] SYSTEME DE FIABILITE ET DE PERFORMANCE ELEVEES POUR LA REMISE DE MESSAGES D'APPLICATION
 [72] DE SCHACHT, PAUL, FR
 [72] PARE, THOMAS, FR
 [72] PASCAL, MATTHIEU, FR
 [73] AMADEUS S.A.S., FR
 [85] 2014-06-26
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 [30] EP (11306803.5) 2011-12-29
 [30] US (13/418,819) 2012-03-13

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[13] C

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 [54] ENCEINTE DE HAUT-PARLEUR AMELIOREE
 [72] LOW, KOK CHEAN, SG
 [73] ELECTRO ACOUSTICS RESEARCH (1999) PTE LTD, SG
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 [30] SG (201201757-0) 2012-03-12

[11] 2,867,196

[13] C

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 [25] EN
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 [54] SYSTEME DE FUSIBLE POUR APPLICATIONS A HAUTE INTENSITE
 [72] BLAKBORN, WILLEM, DE
 [73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
 [85] 2014-09-12
 [86] 2013-03-25 (PCT/EP2013/000900)
 [87] (WO2013/143682)
 [30] DE (20 2012 003 170.8) 2012-03-28

[11] 2,867,280

[13] C

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 [25] EN
 [54] AIR-DELIVERY SYSTEM FOR BREATHING-ASSIST DEVICES
 [54] SYSTEME DE DISTRIBUTION D'AIR POUR DES DISPOSITIFS D'ASSISTANCE RESPIRATOIRE
 [72] HOLTZAPPLE, MARK T., US
 [72] BROWN, LISA CANGELOSI, US
 [73] HOLTZAPPLE, MARK T., US
 [73] BROWN, LISA CANGELOSI, US
 [85] 2014-09-12
 [86] 2013-03-12 (PCT/US2013/030535)
 [87] (WO2013/138345)
 [30] US (61/609,829) 2012-03-12
 [30] US (13/794,127) 2013-03-11

[11] 2,868,889

[13] C

- [51] Int.Cl. B63H 20/10 (2006.01) C23F 13/20 (2006.01) F16J 7/00 (2006.01)
 [25] EN
 [54] TRIM AND TILT DEVICE AND MARINE VESSEL PROPELLING MACHINE
 [54] DISPOSITIF D'EQUILIBRAGE ET D'INCLINAISON ET MACHINE DE PROPULSION DE BATIMENT MARITIME
 [72] SATO, TAKAHIKO, JP
 [72] TSUTSUI, HAYATO, JP
 [73] SHOWA CORPORATION, JP
 [86] (2868889)
 [87] (2868889)
 [22] 2014-10-28
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[51] Int.Cl. C07F 3/00 (2006.01) C01B 37/00 (2006.01) C01B 39/00 (2006.01)

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[54] EMM-19*: NOVEL ZEOLITIC IMIDAZOLATE FRAMEWORK MATERIAL, METHODS FOR MAKING SAME, AND USES THEREOF

[54] EMM-19*: NOUVEAU MATERIAU STRUCTUREL D'IMIDAZOLATE ZEOLITIQUE, SES PROCEDES DE FABRICATION ET SES UTILISATIONS

[72] AFEWORKI, MOBAE, US

[72] NI, ZHENG, CN

[72] STERN, DAVID L., US

[72] WESTON, SIMON C., US

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[72] NAKAHASHI, TETSU, JP

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[72] CHOE, JEEHYUN, KR
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[72] TOKSVIG, MICHAEL JOHN MCKENZIE, US
[72] GARCIA, DAVID HARRY, US
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[72] MCGARIAN, BRUCE HERMANN FORSYTH, GB
[73] HALLIBURTON MANUFACTURING AND SERVICES LIMITED, GB
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[72] CZARNOCKI, STEFAN J., PL
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[72] DRAGET, KURT INGAR, NO
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[72] SMITH, NICHOLAS SAMUEL LEE, US
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[72] JORDAN, RACHEL LISA, US
[72] MATTHEWS, JEFFREY DAVID, US
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[73] KVERNELAND GROUP
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[54] **BOITIER AMELIORE DESTINE A UN COMPTEUR VIBRANT**
[72] FENG, XIANG, CN
[72] LIU, MUYUAN, CN
[72] CRISFIELD, MATTHEW T., US
[72] YE, YANG, CN
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[54] **PROCEDES ET SYSTEMES PERMETTANT D'OFFRIR UN TELEPHONE DE BUREAU MOBILE**
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[73] KCOL TELECOM LTD., CA
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[54] **DYNAMIC SCALE WITH MULTIPLE WEIGHING PANS**
[54] **BALANCE DYNAMIQUE COMPORTANT PLUSIEURS PLATEAUX DE PESEE**
[72] GESERICHL, FRANK, DE
[72] BECKMANN, STEFAN, DE
[72] BLUME, ANDREAS, DE
[72] VAN DER WAYDBRINK, KARSTEN, DE
[73] FRANCO-TYP-POSTALIA GMBH, DE
[86] (2894338)
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[54] **GRASPING JAW MECHANISM**
[54] **MECANISME DE MACHOIRE DE SAISIE**
[72] SCIRICA, PAUL A., US
[73] COVIDIEN LP, US
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[54] **WELL TOOL HAVING OPTICAL TRIGGERING DEVICE FOR CONTROLLING ELECTRICAL POWER DELIVERY**
[54] **OUTIL DE PUITS DOTE D'UN DISPOSITIF DE DECLenchement OPTIQUE POUR COMMANDER LA DISTRIBUTION D'UNE PUISSANCE ELECTRIQUE**
[72] SKINNER, NEAL G., US
[72] SHARP, DAVID P., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-06-19
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[54] **BENZOXAZINE OXAZOLIDINONE COMPOUND, PREPARATION METHOD AND APPLICATION THEREOF**
[54] **COMPOSE DE BENZOXAZINE ET D'OXAZOLIDINONE, SON PROCEDE DE PREPARATION ET SON APPLICATION**
[72] YANG, YUSHE, CN
[72] GUO, BIN, CN
[73] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
[73] ZHE JIANG JUTAI PHARMACEUTICAL CO., LTD., CN
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[25] EN
[54] **DAMPER FOR SUSPENSION OF HEAVY-DUTY VEHICLE**
[54] **AMORTISSEUR POUR SUSPENSION DE VEHICULE UTILITAIRE LOURD**
[72] BOLER, MATTHEW J., US
[72] FULTON, R. SCOTT, US
[72] LONG, THOMAS J., US
[73] HENDRICKSON USA, L.L.C., US
[85] 2015-07-09
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[54] **SURVEILLANCE SYSTEM**
[54] **SYSTEME DE SURVEILLANCE**
[72] AKAMA, TOSHIKAZU, JP
[73] RAMROCK VIDEO TECHNOLOGY LABORATORY CO., LTD., JP
[73] SYUSEI CO., LTD., JP
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[54] **REFRACTORY IMPACT PAD**
[54] **PLAQUE D'AMORTISSEMENT REFRACTAIRE**
[72] HACKL, GERNOT, AT
[72] LUKESCH, GERNOT, AT
[73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
[85] 2015-07-13
[86] 2014-02-07 (PCT/EP2014/052433)
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[25] EN
[54] **STRENGTHENED IRON CATALYST FOR SLURRY REACTORS**
[54] **CATALYSEUR DE FER RENFORCE POUR DES REACTEURS A COMBUSTIBLE EN SUSPENSION**
[72] DEMIREL, BELMA, US
[72] BENHAM, CHARLES B., US
[72] FRAENKEL, DAN, US
[72] BLEY, RICHARD A., US
[72] TAYLOR, JESSE W., US
[72] ROLFE, SARA, US
[72] WRIGHT, HAROLD, US
[73] RES USA, LLC, US
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[54] SYSTEM AND METHOD FOR CONTROL OF A TRANSCRITICAL REFRIGERATION SYSTEM
[54] SYSTEME ET PROCEDE DE COMMANDE D'UN SYSTEME DE REFRIGERATION TRANSCRITIQUE
[72] WALLACE, JOHN, US
[72] BELTRAN, FRANKLIN, US
[72] DA ROS, SAMUELE, US
[73] EMERSON CLIMATE TECHNOLOGIES RETAIL SOLUTIONS, INC., US
[85] 2015-07-24
[86] 2014-01-24 (PCT/US2014/012892)
[87] (WO2014/116915)
[30] US (61/756,852) 2013-01-25
[30] US (14/162,792) 2014-01-24

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[13] C

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[25] EN
[54] PURIFICATION OF ORGANIC COMPOUNDS USING SURROGATE STATIONARY PHASES ON REVERSED PHASE COLUMNS
[54] PURIFICATION DE COMPOSES ORGANIQUES A L'AIDE DE PHASES STATIONNAIRES DE SUBSTITUTION SUR DES COLONNES EN PHASE INVERSEE
[72] ANWER, MOHAMMED KHALID, IN
[73] NEULAND HEALTH SCIENCES PRIVATE LIMITED, IN
[85] 2015-07-27
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[25] EN
[54] CHARGING SYSTEM FOR AN IMPLANTABLE MEDICAL DEVICE EMPLOYING MAGNETIC AND ELECTRIC FIELDS
[54] SYSTEME DE CHARGE POUR DISPOSITIF MEDICAL IMPLANTABLE UTILISANT DES CHAMPS MAGNETIQUE ET ELECTRIQUE
[72] CHEN, JOEY, US
[72] OZAWA, ROBERT, US
[72] HYUN, JOONHO, US
[72] DRONOV, VASILY, US
[73] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[86] (2900171)
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[25] EN
[54] MACHINE AND METHOD FOR MARKING ARTICLES
[54] MACHINE ET PROCEDE DE MARQUAGE D'ARTICLES
[72] DEMANGE FLORENT, US
[72] TARNOWSKI, VINCENT, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2015-08-04
[86] 2014-01-31 (PCT/US2014/014229)
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[30] FR (1350938) 2013-02-04
[30] US (13/838,115) 2013-03-15

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[13] C

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[25] EN
[54] CONTEXT BASED HISTOGRAM MAP CODING FOR VISUAL SEARCH
[54] CODAGE DE CARTE D'HISTOGRAMME EN FONCTION DU CONTEXTE POUR RECHERCHE VISUELLE
[72] CORDARA, GIOVANNI, DE
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-08-11
[86] 2013-01-16 (PCT/EP2013/050700)
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[11] 2,901,336
[13] C

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[25] EN
[54] SHEET PRODUCT DISPENSER
[54] DISTRIBUTEUR DE PRODUIT EN FEUILLE
[72] BRICKL, JEFFREY J., US
[72] WOERPEL, MATTHEW T., US
[72] FORMON, JOHN S., US
[72] WIESER, JOSEPH, US
[73] SCA HYGIENE PRODUCTS AB, SE
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- [54] **COMPOSES AMIDES DESTINES AU TRAITEMENT DU VIH**
- [72] BRIZGYS, GEDIMINAS, US
- [72] CANALES, EDA, US
- [72] CHOU, CHIHEN-HUNG, US
- [72] GRAUPE, MICHAEL, US
- [72] HU, YUNFENG ERIC, US
- [72] LINK, JOHN O., US
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- [72] SCHROEDER, SCOTT D., US
- [72] SOMOZA, JOHN R., US
- [72] TSE, WINSTON C., US
- [72] ZHANG, JENNIFER R., US
- [72] LAZERWITH, SCOTT E., US
- [72] HALCOMB, RANDALL L., US
- [73] GILEAD SCIENCES, INC., US
- [85] 2015-08-14
- [86] 2014-02-28 (PCT/US2014/019663)
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- [30] US (61/857,636) 2013-07-23

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- [25] EN
- [54] **OPACIFYING PARTICLES WITH INTERNAL VOID AND METHODS FOR MAKING THE SAME**
- [54] **PARTICULES OPACIFIANTES COMPRENANT UN ESPACE VIDE INTERNE ET LEURS PROCEDES DE FABRICATION**
- [72] VANIER, NOEL R., US
- [72] XU, XIANGLING, US
- [72] WANG, WEI, US
- [72] SWARUP, SHANTI, US
- [72] PAWLICK, MICHAEL J., US
- [72] ASAY, DAVID B., US
- [73] PPG INDUSTRIES OHIO, INC., US
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- [54] **PANE WITH THERMAL RADIATION REFLECTING COATING**
- [54] **VITRE DOTEE D'UN REVETEMENT REFLECHISSANT LE RAYONNEMENT THERMIQUE**
- [72] HAGEN, JAN, DE
- [72] MANZ, FLORIAN, DE
- [73] SAINT-GOBAIN GLASS FRANCE, FR
- [85] 2015-08-19
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- [25] EN
- [54] **CATALYST PARTICLES FOR FUEL CELLS AND METHOD FOR PRODUCING SAME**
- [54] **GRAIN DE CATALYSEUR POUR PILE A COMBUSTIBLE, ET PROCEDE DE FABRICATION DE CELUI-CI**
- [72] ARIHARA, KAZUKI, JP
- [72] TANAKA, HIROYUKI, JP
- [73] NISSAN MOTOR CO., LTD., JP
- [85] 2015-08-25
- [86] 2014-01-22 (PCT/JP2014/051199)
- [87] (WO2014/129253)
- [30] JP (2013-034297) 2013-02-25

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- [25] EN
- [54] **SYSTEM AND METHOD FOR A DIAPHRAGM VALVE CONTROLLED THROUGH MEASUREMENT OF WATER PRESSURE AND SOLENOID OPENING TIME**
- [54] **SYSTEME ET PROCEDE POUR UNE SOUPE A DIAPHRAGME COMMANDEE PAR MESURE D'UNE PRESSION D'EAU ET D'UN TEMPS D'OUVERTURE D'ELECTROVANNE**
- [72] BUSH, SHAWN D., US
- [73] SDB IP HOLDINGS, LLC, US
- [85] 2015-08-26
- [86] 2014-03-14 (PCT/US2014/027255)
- [87] (WO2014/152362)
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- [30] US (14/208,832) 2014-03-13

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- [54] **CONTROLLER FOR DOWNHOLE TOOL**
- [54] **ORGANE DE COMMANDE POUR OUTIL DE FOND DE TROU**
- [72] XU, WEI JAKE, US
- [72] ODELL, ALBERT C., II, US
- [73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
- [85] 2015-09-01
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- [54] **VEHICLE SUSPENSION SYSTEM WITH RESERVOIR FOR AIR SPRING DAMPING**
- [54] **SYSTEME DE SUSPENSION DE VEHICULE DOTE D'UN RESERVOIR POUR UN AMORTISSEMENT PAR RESSORT PNEUMATIQUE**
- [72] FULTON, R. SCOTT, US
- [72] RAMSEY, JOHN E., US
- [72] CARR, KIMM L., US
- [72] MUCKELRATH, BRETT L., US
- [72] LONG, THOMAS J., US
- [72] BREWER, WILLIAM W., US
- [72] DELORENZIS, DAMON, US
- [72] WESTNEDGE, ANDREW, US
- [73] HENDRICKSON USA, L.L.C., US
- [73] WATSON & CHALIN MANUFACTURING, INC., US
- [85] 2015-09-09
- [86] 2014-04-01 (PCT/US2014/032452)
- [87] (WO2014/165466)
- [30] US (13/855,788) 2013-04-03

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- [51] **Int.Cl. H04N 21/43 (2011.01) A63F 13/60 (2014.01)**
- [25] EN
- [54] **FIELD GOAL INDICATOR FOR VIDEO PRESENTATION**
- [54] **INDICATEUR DE BUT MARQUE POUR PRESENTATION VIDEO**
- [72] SONABEND, ROBERTO, MX
- [72] ALMEIDA, JOSE LUIS, MX
- [73] PRESENCIA EN MEDIOS SA DE CV, MX
- [85] 2015-09-21
- [86] 2013-11-13 (PCT/US2013/069861)
- [87] (WO2014/078392)
- [30] US (61/726,117) 2012-11-14

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- [51] **Int.Cl. A61M 37/00 (2006.01) A61B 5/02 (2006.01) A61M 5/14 (2006.01)**
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- [54] **VEIN PRESENTATION ENHANCEMENT DEVICE**
- [54] **DISPOSITIF D'AMELIORATION DE LA PRESENTATION DE VEINES**
- [72] PERRY, ROBERT J., US
- [73] PERRY, ROBERT J., US
- [85] 2015-09-24
- [86] 2013-05-22 (PCT/US2013/042317)
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- [25] EN
- [54] **SAW CHAIN WITH LUBRICATING LINKAGE**
- [54] **CHAINE DE SCIE A CHAINON LUBRIFIANT**
- [72] LIKIDOU, PANAGIOTA, SE
- [73] HUSQVARNA AB, SE
- [85] 2015-09-25
- [86] 2013-03-27 (PCT/EP2013/056591)
- [87] (WO2014/154268)

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[13] C
- [51] **Int.Cl. F16L 58/00 (2006.01)**
- [25] EN
- [54] **LINING ELEMENT, AND METHOD OF MANUFACTURING A LINING ELEMENT**
- [54] **ELEMENT DE DOUBLURE ET METHODE DE FABRICATION D'UN ELEMENT DE DOUBLURE**
- [72] BICHLER, ANDREAS, AT
- [73] TRELLEBORG PIPE SEALS DUISBURG GMBH, DE
- [86] (2909047)
- [87] (2909047)
- [22] 2015-10-13
- [30] DE (20 2015 102 868.7) 2015-06-02
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[13] C
- [51] **Int.Cl. C10G 47/20 (2006.01)**
- [25] EN
- [54] **CATALYSTS, PREPARATION OF SUCH CATALYSTS, METHODS OF USING SUCH CATALYSTS, PRODUCTS OBTAINED IN SUCH METHODS AND USES OF PRODUCTS OBTAINED**
- [54] **CATALYSEURS, LEUR PREPARATION, LEURS PROCEDES D'UTILISATION, PRODUITS OBTENUS PAR LESDITS PROCEDES ET LEURS UTILISATIONS**
- [72] BHAN, OPINDER BHAN, US
- [72] WELLINGTON, SCOTT LEE, US
- [73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
- [86] (2909244)
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[13] C
- [51] **Int.Cl. H04L 12/24 (2006.01) H04W 8/24 (2009.01) H04W 48/02 (2009.01) H04W 48/08 (2009.01) H04L 29/08 (2006.01) H04W 48/10 (2009.01) H04W 48/12 (2009.01) H04W 56/00 (2009.01) H04W 74/00 (2009.01) H04W 74/08 (2009.01)**
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- [54] **SIGNALING OF SYSTEM INFORMATION TO MTC-DEVICES**
- [54] **SIGNALISATION D'INFORMATIONS DE SYSTEME A DES DISPOSITIFS MTC**
- [72] FRENGER, PAL, SE
- [72] DIMOU, KONSTANTINOS, SE
- [72] BALDEMAIR, ROBERT, SE
- [72] BERGMAN, JOHAN, SE
- [72] ERIKSSON, ERIK, SE
- [73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL.), SE
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[54] CEREAL CONTAINING HERICIUM ERINACEUM AND METHOD FOR MAKING SAME

[54] CEREALE CONTENANT HERICIUM ERINACEUM ET PROCEDE POUR LA PRODUIRE

[72] LEE, DAE-HEE, KR
[73] LEE, DAE-HEE, KR
[85] 2015-10-21
[86] 2014-02-27 (PCT/KR2014/001636)
[87] (WO2014/175545)
[30] KR (10-2013-0046424) 2013-04-26

[11] 2,910,459
[13] C

[51] Int.Cl. H04L 1/06 (2006.01)

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[54] PRECODING MATRIX INDICATOR FEEDBACK METHOD, RECEIVE END, AND TRANSMIT END

[54] PROCEDE DE RETOUR D'INFORMATION SUR UN INDICATEUR DE MATRICE DE PRECODAGE, EXTREMITE RECEPTRICE ET EXTREMITE EMETTRICE

[72] ZHANG, LEIMING, CN
[72] WU, QIANG, CN
[72] LIU, JIANGHUA, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-10-27
[86] 2013-06-05 (PCT/CN2013/076776)
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[13] C

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[54] PROCESS CARTRIDGE AND IMAGE FORMING APPARATUS

[54] CARTOUCHE DE TRAITEMENT ET APPAREIL DE FORMATION D'IMAGE

[72] CHADANI, KAZUO, JP
[72] MORI, TOMONORI, JP
[72] HASHIMOTO, KOJI, JP
[73] CANON KABUSHIKI KAISHA, JP
[86] (2910527)
[87] (2910527)
[22] 2007-11-01
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[30] JP (2006-332837) 2006-12-11
[30] JP (2007-259660) 2007-10-03

[11] 2,911,604
[13] C

[51] Int.Cl. H01M 8/04089 (2016.01) H01M 8/0432 (2016.01) H01M 8/04746 (2016.01)

[25] EN

[54] ANODE GAS CIRCULATION PUMP TEMPERATURE CONTROL AFTER STARTUP

[54] CONTROLE DE LA TEMPERATURE D'UNE POMPE DE CIRCULATION DE GAZ ANODIQUE APRES LE DEMARRAGE

[72] YAMAMOTO, KAZUO, JP
[72] IMANISHI, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911604)
[87] (2911604)
[22] 2015-11-09
[30] JP (2014-229033) 2014-11-11

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[13] C

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[54] METHODE ET DISPOSITIF DE CONTROLE DES RESSOURCES RADIO DIRIGE PAR LE MATERIEL EMPLOYE PAR L'UTILISATEUR DANS UN RESEAU UMTS

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[72] WIRTANEN, JEFF, CA
[73] BLACKBERRY LIMITED, CA
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[54] CONTENANT DE SYSTEME DE DISTRIBUTION ELECTRONIQUE DE NICOTINE

[72] SCHENNUM, STEVE, US
[72] MCKEON, TOM, US
[72] ABEL, JEREMY, US
[73] NICOVENTURES HOLDINGS LIMITED, GB
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- [72] GONZALES, JOSE LUIS, BR
- [73] CERMAG COMERCIAL IMPORTADORA E EXPORTADORA LTDA., BR
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- [54] **ATTACHE DE CEINTURE DE SECURITE**
- [72] FRANK, RICHARD, DE
- [72] HAAS, MARTIN, DE
- [72] SCHEFFOLD, THORSTEN, DE
- [73] BRITAX ROMER KINDERSICHERHEIT GMBH, DE
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- [54] **APPARATUS AND METHOD FOR AUDIO SIGNAL ENVELOPE ENCODING, PROCESSING AND DECODING BY MODELLING A CUMULATIVE SUM REPRESENTATION EMPLOYING DISTRIBUTION QUANTIZATION AND CODING**
- [54] **APPAREIL ET PROCEDE POUR CODAGE D'ENVELOPPE DE SIGNAL AUDIO, TRAITEMENT ET DECODAGE PAR MODELISATION D'UNE REPRESENTATION DE SOMMES CUMULATIVES AU MOYEN D'UNE QUANTIFICATION ET D'UN CODAGE PAR REPARTITION**
- [72] BACKSTROM, TOM, DE
- [72] SCHUBERT, BENJAMIN, DE
- [72] MULTRUS, MARKUS, DE
- [72] DISCH, SASCHA, DE
- [72] SCHMIDT, KONSTANTIN, DE
- [72] PIETRZYK, GRZEGORZ, DE
- [73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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- [72] JAAKKOLA, JYRIKI T., US
- [72] SEALEY, JAMES E., US
- [73] INTERNATIONAL PAPER COMPANY, US
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- [54] **ENTRETOISE DE CONDUIT A CHAMP ELECTROMAGNETIQUE FAIBLE**
- [72] MCCOY, DONALD P., US
- [73] UNDERGROUND DEVICES, INC., US
- [86] (2915471)
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- [54] **SYSTEMS AND METHODS FOR CREATING COMPENSATED DIGITAL REPRESENTATIONS FOR USE IN ADDITIVE MANUFACTURING PROCESSES**
- [54] **SYSTEMES ET PROCEDES PERMETTANT DE CREER DES REPRESENTATIONS NUMERIQUES COMPENSEES DESTINEES A ETRE UTILISEES LORS DE PROCESSUS DE FABRICATION ADDITIVE**
- [72] GRAHAM, MICHAEL EVANS, US
- [72] CARTER, WILLIAM THOMAS, US
- [72] CHEVERTON, MARK ALLEN, US
- [72] YANG, PINGHAI, US
- [73] GENERAL ELECTRIC COMPANY, US
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[54] **SYSTEME DE SUIVI DE MATERIEL**

[72] PARIS, MARION E., JR., US

[72] SIMMONS, ROBERT U., US

[73] PRIME ITS, US

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[54] **METHOD AND APPARATUS FOR USE OF A RELAY SCHEMED TO FACILITATE EFFICIENT BROADCAST COMMUNICATION IN DEVICE TO DEVICE ENVIRONMENT**

[54] **PROCEDE ET APPAREIL PERMETTANT L'UTILISATION D'UN RELAIS CONCU POUR FACILITER UNE COMMUNICATION PAR DIFFUSION EFFICACE DANS UN ENVIRONNEMENT DE DISPOSITIF A DISPOSITIF**

[72] BODAS, SHREESHANKAR R., US

[72] GULATI, KAPIL, US

[72] PATIL, SHAILESH, US

[72] TAVILDAR, SAURABH R., US

[73] QUALCOMM INCORPORATED, US

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[54] **MARQUEURS D'EXPRESSION DE GENE DE RESISTANCE TUMORALE A UN TRAITEMENT R INHIBITEUR HER2**

[72] LEE-HOEFELICH, SI TUEN, US

[72] STERN, HOWARD, US

[73] GENENTECH, INC., US

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[54] **CIRCUIT HYDRAULIQUE POUR ENGIN DE CHANTIER**

[72] JOUNG, HEE-GYOUN, KR

[72] KIM, SUNG-GON, KR

[73] VOLVO CONSTRUCTION EQUIPMENT AB, SE

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[54] **PACKING OF POLYCRYSTALLINE SILICON**

[54] **EMBALLAGE DE SILICIUM POLYCRISTALLIN**

[72] LICHTENEGGER, BRUNO, DE

[72] PECH, REINER, DE

[72] VIETZ, MATTHIAS, AT

[73] WACKER CHEMIE AG, DE

[85] 2016-01-12

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[54] **VARIATEUR HYDROSTATIQUE**

[72] CZEPAK, JOHN, CA

[72] DYCK, GERALD, CA

[72] VALLEBRANT, PER-OLA, SE

[73] PARKER HANNIFIN CORPORATION, US

[73] KINETICS DRIVE SOLUTIONS INC., CA

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[54] **REACTOR FOR HYDROCARBON SYNTHESIS**

[54] **REACTEUR POUR SYNTHÈSE D'HYDROCARBURES**

[72] MORITA, KENTAROU, JP

[72] MURAHASHI, KAZUKI, JP

[72] YAMADA, EIICHI, JP

[72] KATO, YUZURU, JP

[72] SAIWAI, YOSHIYUKI, JP

[72] MURATA, ATSUSHI, JP

[73] NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD., JP

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[54] **MEDIA CLIENT DEVICE AUTHENTICATION USING HARDWARE ROOT OF TRUST**

[54] **AUTHENTIFICATION DE DISPOSITIF CLIENT MULTIMÉDIA AU MOYEN D'UNE BASE MATÉRIELLE SÉCURISÉE**

[72] MIKHAILOV, MIKHAIL, US

[72] NAIR, RAJ, US

[73] ERICSSON AB, SE

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[54] **PROCESS FOR INSTALLATION OF ANCHOR DEVICES AND APPARATUS FOR CARRYING OUT SUCH PROCESS**

[54] **PROCÉDÉ POUR INSTALLATION DE DISPOSITIFS D'ANCRE ET APPAREIL POUR METTRE EN ŒUVRE UN TEL PROCÉDÉ**

[72] GUALCO, MARIO, IT

[72] CONTESINI, PARIDE, IT

[73] GUALCO, MARIO, IT

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[54] **AGENCEMENT DE PALE OU D'AUBE POUR TURBINE À GAZ**

[72] LI, YAN SHENG, GB

[72] TEUBER, ROY, DE

[73] SIEMENS AKTIENGESELLSCHAFT, DE

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[54] **PROCÉDÉS ET FLUIDES POUR LE TRAITEMENT DES PUITS À DÉVELOPPEMENT RETARDÉ DE LA VISCOSITÉ**

[72] LEGEMAN, MAGNUS, US

[72] CARMAN, PAUL, US

[72] VENUGOPAL, RUPA, US

[72] SUN, HONG, US

[73] BAKER HUGHES INCORPORATED, US

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[54] **SYSTÈME ET ÉLÉMENTS D'ÉVALUATION DES PERFORMANCES DE DISPOSITIFS DE PROTECTION DE SÉCURITÉ-INCENDIE**

[72] YU, HONG-ZENG, US

[72] DANIELLO, STEPHEN P., US

[73] FACTORY MUTUAL INSURANCE COMPANY, US

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[54] **PROCEDE ET ANALYSE DE CHARGE POUR PLUSIEURS OUTILS DECENTRES**
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[72] ZHANG, YUAN, US
[72] ANIKET, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **APPARATUS AND METHOD FOR PROCESSING AN AUDIO SIGNAL USING A COMBINATION IN AN OVERLAP RANGE**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'UN SIGNAL AUDIO AU MOYEN D'UNE COMBINAISON DANS UNE PLAGE DE CHEVAUCHEMENT**
[72] DISCH, SASCHA, DE
[72] NAGEL, FREDERIK, DE
[72] GEIGER, RALF, DE
[72] NEUKAM, CHRISTIAN, DE
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[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **SUSPENSIONS DE PERLES MANIPULEES POUR UTILISATION DANS DES BARBOTINES DE CIMENT LEGER, ET PROCEDES ASSOCIES**
[72] MAXSON, JOSEPH K., US
[72] BRENNES, CHAD, US
[72] MORGAN, RICKEY L., US
[72] MENDENALL, PAUL, US
[72] MORGAN, RONNIE G., US
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[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CONTROL METHOD FOR SELF-COMMUTATED CONVERTER FOR CONTROLLING POWER EXCHANGE**
[54] **PROCEDE DE REGLAGE POUR CONVERTISSEURS A COMMUTATION AUTOMATIQUE, PERMETTANT DE REGLER L'ECHANGE DE PUISSANCE**
[72] BROGAN, PAUL BRIAN, GB
[72] JONES, RODNEY, GB
[72] MENKE, PETER, DE
[72] ZUROWSKI, RAINER, DE
[73] SIEMENS AKTIEGESELLSCHAFT, DE
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[54] **APPAREIL ET METHODE DE MESURE DE L'IMPEDANCE D'UNE BATTERIE STRATIFIEE**
[72] SAKAI, MASANOBU, JP
[73] NISSAN MOTOR CO., LTD., JP
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[72] MOREN, STEFAN, SE
[73] CAREBAY EUROPE LTD, MT
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[72] DILLE, MARK C., US
[73] FORUM US, INC., US
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[54] **DISPOSITIF DE TYPE MELANGEUR POUR LA FORMULATION D'UNE MOUSSE POLYURETHANNE A DEUX COMPOSANTS**
[72] SCHULZ, PETER J., US
[72] TURPIN, MATTHEW J., US
[72] STEWART, GREGORY T., US
[72] DIETSCHIE, LAURA J., US
[72] BEAUDOIN, DANIEL A., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **APPLICATION OF OLIGO-DT MOLECULES TO AVOID GENERATION OF HIGH MOLECULAR PCR PRODUCTS INDUCED BY POLYA-CARRIER**
[54] **APPLICATION DE MOLECULES OLIGO-DT POUR EVITER LA PRODUCTION DE PRODUITS DE PCR DE MASSE MOLECULAIRE ELEVEE INDUITE PAR UN TRANSPORTEUR DE POLYA**
[72] BERGMANN, FRANK, DE
[72] FROEHNER, STEFANIE, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **SELECTION DE SOUS-ENSEMBLE DE SATELLITE DESTINE A LA SURVEILLANCE DE L'INTEGRITE DES SOLUTIONS DE NAVIGATION CALCULEES**
[72] SKALICKY, JAKUB, US
[72] OREJAS, MARTIN, US
[72] RAASAKKA, JUSSI, US
[73] HONEYWELL INTERNATIONAL INC., US
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[87] (2923263)
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[25] EN
[54] **SINGLE-SCREEN MULTIPLE-TIER MOVIE PICTURE THEATER HAVING SEPARATE SERVICE CLASS SECTIONS**
[54] **SALLE DE CINEMA A PLUSIEURS ETAGES ET A UN SEUL ECRAN AYANT DES SECTIONS DE CLASSE DE SERVICE SEPREES**
[72] RAMIREZ MAGANA, ENRIQUE, US
[73] RAMIREZ MAGANA, ENRIQUE, US
[85] 2016-03-07
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[54] **INJECTION-MOLDING APPARATUSES CONTAINING INTEGRALLY FORMED THERMOCOUPLES**
[54] **APPAREILS DE MOULAGE PAR INJECTION CONTENANT DES COUPLES THERMOELECTRIQUES SOLIDAIRES**
[72] JENKO, EDWARD JOSEPH, US
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
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[25] EN
[54] **METHOD TO PREDICT, ILLUSTRATE, AND SELECT DRILLING PARAMETERS TO AVOID SEVERE LATERAL VIBRATIONS**
[54] **PROCEDE DE PREVISION, D'ILLUSTRATIONS, ET DE SELECTION DE PARAMETRES DE FORAGE POUR EVITER DES VIBRATIONS LATERALES IMPORTANTES**
[72] HOHL, ANDREAS, US
[72] MEYER-HEYER, BERNHARD, US
[72] RIECKMANN, HANNO, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-03-09
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[87] (WO2015/042132)
[30] US (14/032,951) 2013-09-20

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[13] C

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[25] EN
[54] **CERAMIC MATRIX COMPOSITES MADE BY CHEMICAL VAPOR INFILTRATION AND METHODS OF MANUFACTURE THEREOF**
[54] **COMPOSITES A MATRICE CERAMIQUE FORMES PAR INFILTRATION CHIMIQUE EN PHASE VAPEUR ET LEURS PROCEDES DE FABRICATION**
[72] LUTHRA, KRISHAN LAL, US
[72] CORMAN, GREGORY SCOT, US
[72] RAMAMURTHI, BADRI NARAYAN, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2016-03-10
[86] 2014-08-28 (PCT/US2014/053034)
[87] (WO2015/041823)
[30] US (61/880,352) 2013-09-20

[11] 2,924,490
[13] C

[51] **Int.Cl. A61B 3/113 (2006.01) A61F 9/008 (2006.01)**
[25] EN
[54] **TECHNIQUE FOR CENTERING AN APPLICATION FIELD**
[54] **TECHNIQUE POUR CENTRER UN CHAMP D'APPLICATION**
[72] LEMONIS, SISSIMOS, DE
[72] ABRAHAM, MARIO, DE
[73] WAVELIGHT GMBH, DE
[85] 2016-03-16
[86] 2013-10-18 (PCT/EP2013/003145)
[87] (WO2015/055223)

[11] 2,924,626
[13] C

[51] **Int.Cl. H02M 1/38 (2007.01) H03K 17/30 (2006.01)**
[25] EN
[54] **INVERTER WITH IMPROVED SHOOT THROUGH IMMUNITY**
[54] **ONDULEUR DOTE D'UNE IMMUNITE AU TRANSPERCEMENT AMELIOREE**
[72] EPPS, PHILLIP HENRY RICHARD, US
[72] COLE, ANDREW BENJAMIN, US
[73] GE AVIATION SYSTEMS LLC, US
[85] 2016-03-17
[86] 2014-02-28 (PCT/US2014/019465)
[87] (WO2015/047448)
[30] US (61/883,617) 2013-09-27

[11] 2,924,679
[13] C

[51] **Int.Cl. F16K 11/02 (2006.01) F28F 1/02 (2006.01) F28F 3/04 (2006.01) F28F 3/12 (2006.01) F28F 27/02 (2006.01)**
[25] EN
[54] **DUAL SEATED BY-PASS VALVE FOR SURFACE COOLERS**
[54] **CLAPET DE DERIVATION A DOUBLE ASSISE POUR DES REFROIDISSEURS DE SURFACE**
[72] STORAGE, MICHAEL RALPH, US
[72] MCQUEEN, DENNIS ALAN, US
[73] UNISON INDUSTRIES, LLC, US
[85] 2016-03-17
[86] 2014-09-22 (PCT/US2014/056745)
[87] (WO2015/042514)
[30] US (61/880,937) 2013-09-22

[11] 2,924,839
[13] C

[51] **Int.Cl. G06Q 10/10 (2012.01)**
[25] EN
[54] **COMPUTER NETWORKED CALENDAR**
[54] **CALENDRIER EN RESEAU SUR DES ORDINATEURS**
[72] GAUTHIER, ANDRE, CA
[73] AGENDRIX, CA
[85] 2016-03-17
[86] 2013-09-25 (PCT/CA2013/050731)
[87] (WO2015/039209)
[30] US (61/880,905) 2013-09-21

[11] 2,925,022
[13] C

[51] **Int.Cl. B32B 17/04 (2006.01) B32B 17/10 (2006.01)**
[25] EN
[54] **COMPOSITE GLASS WITH AT LEAST ONE CHEMICALLY TEMPERED PANE**
[54] **VERRE FEUILLETE DOTE D'AU MOINS UNE VITRE CHIMIQUEMENT PRECONTRAINT**
[72] SIENERTH, SANDRA, DE
[72] KREMERS, STEPHAN, DE
[72] GY, RENE, FR
[73] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2016-03-21
[86] 2014-08-22 (PCT/EP2014/067903)
[87] (WO2015/058885)
[30] EP (13189859.5) 2013-10-23

[11] 2,925,236
[13] C

[51] **Int.Cl. B25H 3/00 (2006.01) B25H 3/04 (2006.01)**
[25] EN
[54] **HAND TOOL FRAME**
[54] **CADRE D'OUTIL MANUEL**
[72] KAO, JUI-CHIEN, TW
[73] KAO, JUI-CHIEN, CN
[86] (2925236)
[87] (2925236)
[22] 2016-03-29

[11] 2,925,486
[13] C

[51] **Int.Cl. C09K 8/54 (2006.01)**
[25] FR
[54] **ANTI-CORROSION FORMULATIONS WITH STORAGE STABILITY**
[54] **FORMULATIONS ANTI-CORROSION STABLES AU STOCKAGE**
[72] POU, TONG EAK, FR
[72] ALONZO, DENIS, FR
[72] BARRETO, GILLES, FR
[72] HISLER, KEVIN, FR
[73] ARKEMA FRANCE, FR
[85] 2016-03-17
[86] 2014-09-23 (PCT/FR2014/052372)
[87] (WO2015/044576)
[30] FR (13.59145) 2013-09-24

[11] 2,926,270
[13] C

[51] **Int.Cl. B65G 65/46 (2006.01) B65G 33/14 (2006.01)**
[25] EN
[54] **LOW PROFILE TRANSFER CONVEYOR**
[54] **COURROIE DE TRANSFERT A PROFIL BAS**
[72] BODIE, CAMERON DWIGHT, CA
[72] TRATCH, JAIME NOLIN, CA
[72] KAEDING, MICHAEL RYAN, CA
[72] CARTER, JONATHAN ROBERT, CA
[73] BRANDT AGRICULTURAL PRODUCTS LTD., CA
[86] (2926270)
[87] (2926270)
[22] 2016-04-06
[30] CA (2887515) 2015-04-08

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[25] EN
[54] SYSTEMS AND METHODS FOR OPTIMIZING DRILLING OPERATIONS USING TRANSIENT CUTTINGS MODELING AND REAL-TIME DATA
[54] SYSTEMES ET PROCEDES D'OPTIMISATION D'OPERATIONS DE FORAGE EN UTILISANT UNE MODELISATION TRANSITOIRE DES DEBLAIS ET DES DONNEES EN TEMPS REEL
[72] JAMISON, DALE E., US
[72] WILLIAMS, ROBERT L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-08
[86] 2013-11-12 (PCT/US2013/069581)
[87] (WO2015/072962)

[11] 2,927,209
[13] C

[51] Int.Cl. B65D 75/00 (2006.01) B65B 1/02 (2006.01) B65B 3/02 (2006.01) B65B 5/02 (2006.01) B65B 31/04 (2006.01) B65D 30/10 (2006.01) B65D 33/00 (2006.01) B65D 33/02 (2006.01) B65D 75/20 (2006.01) B65D 75/52 (2006.01) B65D 75/54 (2006.01) B65D 75/56 (2006.01) B65D 75/58 (2006.01) B65D 81/03 (2006.01)
[25] EN
[54] FLEXIBLE CONTAINERS AND METHODS OF FORMING THE SAME
[54] RECIPIENT SOUPLE ET PROCEDES DE FORMATION CORRESPONDANTS
[72] ISHIIHARA, TADAYOSHI, US
[72] LESTER, JOSEPH CRAIG, US
[72] BOURGEOIS, MARC RICHARD, US
[72] MCGUIRE, KENNETH STEPHEN, US
[72] CLARE, BENJAMIN JACOB, US
[72] STANLEY, SCOTT KENDYL, US
[72] ARENT, LEE MATTHEW, US
[72] YOU, JUN, US
[72] RAPACH, ANDREW PAUL, US
[72] BERG, CHARLES JOHN, JR., US
[72] GUNNERSON, KORY ADAM, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-04-12
[86] 2014-11-06 (PCT/US2014/064285)
[87] (WO2015/069859)
[30] US (61/900,794) 2013-11-06

[11] 2,927,698
[13] C

[51] Int.Cl. H01H 71/08 (2006.01) H01R 13/193 (2006.01)
[25] EN
[54] CONNECTOR ASSEMBLIES FOR PANEL BOARD NEUTRAL BARS AND CIRCUIT BREAKERS INCLUDING SAME
[54] ENSEMBLES DE CONNEXEURS DE BARRES NEUTRES DE PANNEAU ET DISJONCTEURS COMPORTANT LESDITS ENSEMBLES
[72] WATFORD, RUSSELL THOMAS, US
[73] SIEMENS INDUSTRY, INC., US
[86] (2927698)
[87] (2927698)
[22] 2016-04-20
[30] US (62/150,917) 2015-04-22
[30] US (14/801,887) 2015-07-17

[11] 2,928,044
[13] C

[51] Int.Cl. E21B 43/24 (2006.01) E21B 43/14 (2006.01)
[25] EN
[54] IN SITU HYDROCARBON RECOVERY FROM PAY ZONES BETWEEN LOW PERMEABILITY LAYERS IN A STRATIFIED RESERVOIR REGION
[54] RECUPERATION D'HYDROCARBURE SUR PLACE A PARTIR DE ZONES RICHES ENTRE DES COUCHES A FAIBLE PERMEABILITE DANS UNE REGION DE RESERVOIR STRATIFIE
[72] ZHU, HONG, CA
[72] KING, ROBERT WAYNE, CA
[72] LASTIWKA, MARTIN, CA
[72] CHAN, RICHARD, CA
[73] SUNCOR ENERGY INC., CA
[86] (2928044)
[87] (2928044)
[22] 2016-04-22
[30] CA (2,889,598) 2015-04-23

[11] 2,928,490
[13] C

[51] Int.Cl. B21D 53/88 (2006.01) B60D 1/145 (2006.01)
[25] EN
[54] METHOD OF FORMING A TRAILER HITCH RECEIVER TUBE
[54] METHODE DE FACONNAGE D'UN TUBE RECEPTEUR D'ATTACHE DE REMORQUE
[72] FORTE, MARIO, CA
[72] FORTE, JON RYAN, CA
[73] JEFFERSON METAL PRODUCTS INC., CA
[86] (2928490)
[87] (2928490)
[22] 2016-04-29

[11] 2,928,790
[13] C

[51] Int.Cl. C25B 11/06 (2006.01) B01J 23/78 (2006.01) C25B 1/04 (2006.01)
[25] EN
[54] ANODE FOR ALKALINE WATER ELECTROLYSIS
[54] ELECTRODE POSITIVE POUR L'ELECTROLYSE D'UNE EAU ALCALINE
[72] ICHIKAWA, HIROKI, JP
[72] MITSUSHIMA, SHIGENORI, JP
[72] NAGASHIMA, IKUO, JP
[72] SUNADA, YOSHIO, JP
[72] KATO, AKIHIRO, JP
[72] YIN, LIANG, JP
[72] MANABE, AKIYOSHI, JP
[72] NISHIKI, YOSHINORI, JP
[73] NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY, JP
[73] DE NORA PERMELEC LTD, JP
[85] 2016-04-26
[86] 2014-10-29 (PCT/JP2014/078777)
[87] (WO2015/064644)
[30] JP (2013-224771) 2013-10-29

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[13] C
- [51] Int.Cl. B23K 9/29 (2006.01) B21D 3/16 (2006.01) B21D 41/02 (2006.01)
- [25] EN
- [54] **HIGH PERFORMANCE CONTACT TIP AND NOZZLE ASSEMBLY WITH IMPROVED COOLING FOR USE IN AN ARC WELDING APPARATUS**
- [54] **ENSEMBLE BUSE ET POINTE DE CONTACT HAUTES PERFORMANCES A REFROIDISSEMENT AMELIORE POUR APPAREIL DE SOUDAGE A L'ARC**
- [72] HASSAN, KHALID, US
- [73] VICTOR EQUIPMENT COMPANY, US
- [85] 2016-04-26
- [86] 2014-11-13 (PCT/US2014/065487)
- [87] (WO2015/073692)
- [30] US (61/903,950) 2013-11-13
- [30] US (62/053,784) 2014-09-22

- [11] 2,928,912
[13] C
- [51] Int.Cl. E21B 34/06 (2006.01) E21B 34/08 (2006.01)
- [25] EN
- [54] **METHOD AND APPARATUS FOR RETAINING WEIGHTED FLUID IN A TUBULAR SECTION**
- [54] **PROCEDE ET APPAREIL POUR MAINTENIR UN FLUIDE LESTE DANS UNE SECTION TUBULAIRE**
- [72] ROGERS, HENRY EUGENE, US
- [72] WEBB, EARL DON, US
- [73] HALIBURTON ENERGY SERVICES, INC., US
- [85] 2016-04-27
- [86] 2014-01-15 (PCT/US2014/011666)
- [87] (WO2015/108515)

- [11] 2,929,078
[13] C
- [51] Int.Cl. E21B 10/43 (2006.01) E21B 10/46 (2006.01)
- [25] EN
- [54] **ROTARY DRILL BIT INCLUDING MULTI-LAYER CUTTING ELEMENTS**
- [54] **TREPAN ROTATIF COMPRENANT DES ELEMENTS DE COUPE MULTICOUCHE**
- [72] CHEN, SHILIN, US
- [73] HALIBURTON ENERGY SERVICES, INC., US
- [85] 2016-04-28
- [86] 2013-12-06 (PCT/US2013/073583)
- [87] (WO2015/084394)

- [11] 2,929,104
[13] C
- [51] Int.Cl. G06Q 30/06 (2012.01) G06Q 20/14 (2012.01)
- [25] EN
- [54] **METHOD AND SYSTEM FOR VALIDATING RENT DATA FOR A REAL PROPERTY LOCATION**
- [54] **PROCEDE ET SYSTEME DE VALIDATION DE DONNEES DE LOYER POUR UN EMPLACEMENT DE BIEN IMMOBILIER**
- [72] GHOSH, DEBASHIS, US
- [72] SHUKEN, RANDY, US
- [72] LESBIER, MARY ELIZABETH, US
- [73] MASTERCARD INTERNATIONAL, INCORPORATED, US
- [85] 2016-04-28
- [86] 2014-10-29 (PCT/US2014/062786)
- [87] (WO2015/066116)
- [30] US (14/069,193) 2013-10-31

- [11] 2,929,235
[13] C
- [51] Int.Cl. A61K 9/32 (2006.01)
- [25] EN
- [54] **POLYMER PARTICLES**
- [54] **PARTICULES POLYMERES**
- [72] PLOTKIN, STEVE, US
- [72] CRUISE, GREGORY, M., US
- [72] KEELEY, EDWARD, MICHAEL, US
- [72] YU, RENEE, US
- [72] HARRIS, CLAYTON, US
- [73] TERUMO CORPORATION, JP
- [85] 2016-04-29
- [86] 2014-11-07 (PCT/US2014/064680)
- [87] (WO2015/070094)
- [30] US (61/902,020) 2013-11-08

- [11] 2,929,236
[13] C
- [51] Int.Cl. A61B 50/33 (2016.01) A61B 50/30 (2016.01)
- [25] EN
- [54] **WIRE MANAGEMENT FEATURE INTEGRATED INTO PETG TRAY FOR EM TRACKABLE DISPOSABLE PRODUCTS**
- [54] **SYSTEME DE GESTION DU CABLAGE INTEGRE DANS UN PLATEAU EN PETG POUR PRODUITS ELECTROMAGNETIQUES JETABLES DETECTABLES**
- [72] HARTFELDER, TERESA, US
- [72] INABINETT, JAMES M., US
- [73] MEDTRONIC XOMED, INC., US
- [85] 2016-04-29
- [86] 2014-10-30 (PCT/US2014/063092)
- [87] (WO2015/066288)
- [30] US (61/898,229) 2013-10-31
- [30] US (14/327,215) 2014-07-09

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[13] C
- [51] Int.Cl. E04H 12/08 (2006.01) E04H 12/12 (2006.01) E04H 12/16 (2006.01) E04H 12/34 (2006.01)
- [25] EN
- [54] **ARRANGEMENT WITH A CONCRETE FOUNDATION AND A TOWER AND A METHOD FOR ERECTING A TOWER**
- [54] **ARRANGEMENT COMPRENANT UNE FONDATION EN BETON ET UNE TOUR, ET UNE METHODE D'ERECTION D'UNE TOUR**
- [72] COORDIS, THOMAS, DE
- [73] WOBBIEN PROPERTIES GMBH, DE
- [85] 2016-05-16
- [86] 2014-11-25 (PCT/EP2014/075541)
- [87] (WO2015/090861)
- [30] DE (102013226536.0) 2013-12-18

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[13] C

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[25] EN
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[54] **COMPOSITION POUR IMAGERIE DE CARTILAGE ARTICULAIRE**
[72] MIZUNO, SHUICHI, JP
[72] KAWAGUCHI, NOBUAKI, JP
[72] TSUCHIYA, AKIHIRO, JP
[72] MANOME, YOSHINOBU, JP
[73] FUJIWARA, YASUNORI, JP
[73] MERCURY ASSET MANAGEMENT CO., LTD., JP
[85] 2016-05-16
[86] 2014-12-08 (PCT/JP2014/082441)
[87] (WO2015/087839)
[30] JP (2013-257892) 2013-12-13

[11] 2,931,049
[13] C

[51] **Int.Cl. H02K 5/22 (2006.01)**
[25] EN
[54] **MOTOR CONTROLLER AND MOTOR APPLYING SAME**
[54] **DISPOSITIF DE COMMANDE DE MOTEUR ET MOTEUR L'UTILISANT**
[72] WANG, XIONGCHENG, CN
[72] BIAN, WENQING, CN
[72] YU, YUEQIANG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
[85] 2016-05-18
[86] 2014-09-24 (PCT/CN2014/087345)
[87] (WO2015/180328)
[30] CN (201420283808.0) 2014-05-29

[11] 2,931,730
[13] C

[51] **Int.Cl. A61G 5/10 (2006.01) A61G 5/04 (2013.01) G05B 15/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SETTING OR MODIFYING PROGRAMMABLE PARAMETERS IN POWER DRIVEN WHEELCHAIR**
[54] **PROCEDE ET APPAREIL POUR REGLER OU MODIFIER LES PARAMETRES PROGRAMMABLES DANS UN FAUTEUIL ROULANT MECANISE**
[72] JAENKE, BRUCE A., US
[72] PETERS, DARRYL, US
[72] CHOPCINSKI, GARY E., US
[72] MCCULLAR, RICKY J., US
[73] INVACARE CORPORATION, US
[86] (2931730)
[87] (2931730)
[22] 2006-08-31
[62] 2,858,951
[30] US (60/712,987) 2005-08-31
[30] US (60/727,005) 2005-10-15
[30] US (60/726,983) 2005-10-15
[30] US (60/726,666) 2005-10-15
[30] US (60/726,981) 2005-10-15
[30] US (60/726,993) 2005-10-15
[30] US (60/727,249) 2005-10-15
[30] US (60/727,250) 2005-10-15

[11] 2,931,969
[13] C

[51] **Int.Cl. F04D 25/08 (2006.01) F04D 29/26 (2006.01) F04D 29/44 (2006.01) F04D 29/54 (2006.01) F04D 29/60 (2006.01) F24F 7/007 (2006.01)**
[25] EN
[54] **FAN INLET RECIRCULATION GUIDE VANES**
[54] **AUBES GUIDES DE RECIRCULATION D'ENTREE DE VENTILATEUR**
[72] SCHIRAND, TIMOTHY A., US
[73] AIR DISTRIBUTION TECHNOLOGIES IP, LLC, US
[86] (2931969)
[87] (2931969)
[22] 2016-06-02
[30] US (14/733,900) 2015-06-08

[11] 2,932,193
[13] C

[51] **Int.Cl. C07D 209/02 (2006.01) C07C 43/23 (2006.01) C07C 217/58 (2006.01) C07C 217/60 (2006.01) C07C 231/02 (2006.01) C07C 233/16 (2006.01) C07C 309/65 (2006.01) C07C 309/66 (2006.01) C07C 309/73 (2006.01) C07D 207/46 (2006.01)**
[25] FR
[54] **NOVEL METHOD FOR THE SYNTHESIS OF AGOMELATINE**
[54] **NOUVEAU PROCEDE DE SYNTHESE DE L'AGOMELATINE**
[72] BRIERE, JEAN-FRANCOIS, FR
[72] LEBEUF, RAPHAEL, FR
[72] LEVACHER, VINCENT, FR
[72] HARDOUIN, CHRISTOPHE, FR
[72] LECOUBE, JEAN-PIERRE, FR
[73] LES LABORATOIRES SERVIER, FR
[85] 2016-05-31
[86] 2014-12-04 (PCT/FR2014/053157)
[87] (WO2015/082847)
[30] FR (13/62198) 2013-12-05

[11] 2,932,352
[13] C

[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/686 (2018.01)**
[25] EN
[54] **A METHOD FOR CODING OF MULTIPLE PCR REACTIONS FOR ASSAY RECOGNITION**
[54] **PROCEDE POUR CODER PLUSIEURS REACTIONS PCR AFIN DE POUVOIR RECONNAITRE LES ANALYSES**
[72] GUPTA, AMAR, US
[72] JANSSEN, KEVIN, US
[72] NEWTON, NICOLAS, US
[72] SCHOFNBrunner, NANCY, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-06-01
[86] 2014-12-18 (PCT/EP2014/078406)
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[30] US (61/918,892) 2013-12-20

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[51] Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)

[25] EN

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[54] PYRROLO[2,3-D]PYRIMIDINYLE, PYRROLO[2,3-B]PYRAZINYLE ET PYRROLO[2,3-D]PYRIDINYLE ACRYLAMIDES

[72] BROWN, MATTHEW FRANK, US
[72] CASIMIRO-GARCIA, AGUSTIN, US
[72] CHE, YE, US
[72] COE, JOTHAM WADSWORTH, US
[72] FLANAGAN, MARK EDWARD, US
[72] GILBERT, ADAM MATTHEW, US
[72] HAYWARD, MATTHEW MERRILL, US
[72] LANGILLE, JONATHAN DAVID, US
[72] MONTGOMERY, JUSTIN IAN, US
[72] TELLIEZ, JEAN-BAPTISTE, US
[72] THORARENSEN, ATLI, US
[72] UNWALLA, RAYOMAND JAL, US
[72] TRUJILLO, JOHN L., US
[73] PFIZER INC., US
[85] 2016-06-01
[86] 2014-11-20 (PCT/IB2014/066202)
[87] (WO2015/083028)
[30] US (61/912,074) 2013-12-05

[11] 2,932,673
[13] C

[51] Int.Cl. B65G 15/08 (2006.01) B65G 21/20 (2006.01) B65G 41/00 (2006.01)

[25] EN

[54] SEALING BELT CONVEYORS AGAINST PRODUCT LEAKAGE

[54] ETANCHEISATION DE TRANSPORTEURS A COURROIE CONTRE LA FUITE DE PRODUIT

[72] TRATCH, JAIME NOLIN, CA
[73] BRANDT AGRICULTURAL PRODUCTS LTD., CA
[86] (2932673)
[87] (2932673)
[22] 2016-06-09

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[72] VERSLUYS I, ROBERT THOR, US
[72] HUFFER, SCOTT WILLIAM, US
[73] SONOCO PRODUCTS CO., US
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[72] DENSLOW, KAYTE M., US
[73] BATTELLE MEMORIAL INSTITUTE, US
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[72] LI, KEPING, CN
[72] ZENG, CANZHONG, CN
[73] XIAMEN LOTA INTERNATIONAL CO., LTD., CN
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[87] (2933323)
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[54] ENSEMBLE DEFLECTEUR DE PUIT DOTE D'UN DISPOSITIF DE JOINT ANNULAIRE SENSIBLEMENT EQUILIBRE EN PRESSION
[72] STOKES, MATTHEW B., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] CONTROLE DU SULFURE DE CARBONYLE AVEC DU BOROHYDRURE DE SODIUM DANS LES TOURS CAUSTIQUES DES PROCEDES PETROLIERS/PETROCHIMIQUES
[72] MO, HUA, US
[72] METZLER, ROGER D., US
[73] BAKER HUGHES INCORPORATED, US
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[54] AUGMENTED REALITY BASED COMPONENT REPLACEMENT AND MAINTENANCE
[54] REALITE AUGMENTEE FONDEE SUR LE REMPLACEMENT ET LA MAINTENANCE DE COMPOSANTE
[72] GUO, PING, US
[72] KAPLAN, DANIEL, US
[72] WEBB, SUNNY M., US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[87] (2933877)
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[54] DEVICE AND METHOD OF IMPROVING THE PERCEPTUAL LUMINANCE NONLINEARITY - BASED IMAGE DATA EXCHANGE ACROSS DIFFERENT DISPLAY CAPABILITIES
[54] DISPOSITIF ET PROCEDE DESTINES A AMELIORER UN ECHANGE DE DONNEES D'IMAGES BASE SUR UNE NON-LINEARITE DE LUMINANCE PERCEPTUELLE A TRAVERS DIFFERENTES CAPACITES D'AFFICHAGE
[72] MILLER, JON SCOTT, US
[72] DALY, SCOTT, US
[72] NEZAMABADI, MAHDI, US
[72] ATKINS, ROBIN, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
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[54] PROCEDE DE FRACTURATION HYDRAULIQUE
[72] HAMPTON, JESSE CLAY, US
[72] RUSSELL, AARON GENE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-06-15
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[54] TREPAN A MATRICE DURCIE PAR PRECIPITATION
[72] VOGLEWEDE, DANIEL BRENDAN, US
[72] OLSEN, GARRETT T., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] METHOD AND APPARATUS FOR DIGITALLY SIGNING A FILE
[54] PROCEDE ET DISPOSITIF DE SIGNATURE NUMERIQUE D'UN FICHIER
[72] BASE, GERO, DE
[72] WENG, WENRONG, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[72] MATSUNAGA, HIROSHI, JP
[73] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
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[54] **VIDEO DECODER, VIDEO ENCODER, VIDEO DECODING METHOD, AND VIDEO ENCODING METHOD**
[54] **DECODEUR VIDEO, ENCODEUR VIDEO, PROCEDE DE DECODAGE VIDEO ET PROCEDE D'ENCODAGE VIDEO**
[72] SHIMADA, SATOSHI, JP
[72] KAZUI, KIMIHIKO, JP
[72] KOYAMA, JUNPEI, JP
[72] NAKAGAWA, AKIRA, JP
[73] FUJITSU LIMITED, JP
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[54] **APPARATUS AND METHOD FOR MANUFACTURING COMPOSITE MEMBRANE**
[54] **APPAREIL ET PROCEDE DE FABRICATION DE MEMBRANE COMPOSITE**
[72] TAKAGI, YOSHINORI, JP
[73] SCREEN HOLDINGS CO., LTD., JP
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[87] (2935992)
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[54] **CADRE DE TRAVAIL IGNORANT L'ACTIF DOTE D'UN MODULE SPECIFIQUE A L'ACTIF DESTINE AU CALCUL DE PARAMETRE DE BUS ALTERNATIF**
[72] NEMATOLLAHI, ALIREZA, CA
[73] WEBTECH WIRELESS INC., CA
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[87] (2936287)
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[54] **DISQUE A GRAINES AVEC ENTRAINEMENT INTEGRE**
[72] WILHELMI, MATTHEW J., US
[72] ROLFFS, MERLAN, US
[72] HAIN, DUSTAN, US
[72] MULHERIN, JOHN P., US
[72] ACHEN, COURTNEY N., US
[72] MYERS, MICHAEL J., US
[72] LEGGE, RYAN, US
[72] SCHILDROTH, RHETT, US
[72] BACHMAN, MARVIN, US
[72] KNIFFEN, TODD E., US
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[54] **MECANISME DE CHANGEMENT DE VITESSE LINEAIRE DESTINE A UN VEHICULE SANS CHAINE**
[72] CHENG, HSIN-LIN, CN
[72] TENG, CHING-CHUNG, CN
[73] MOTIVE POWER INDUSTRY CO., LTD., CN
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[54] **PROCEDE ET SYSTEME DE DEMARRAGE D'UNE COLONNE DE DISTILLATION**
[72] VALENCIA, JAIME A., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **POIGNEE ET LOGEMENT INTERNE DE POIGNEE**
[72] SASAKI, KOUZO, JP
[72] FUKUDA, YUICHI, JP
[72] KOYANAGI, SHIGEKI, JP
[72] SAITO, KAORU, JP
[73] FALTEC CO., LTD., JP
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[54] **BOITIER STERILE DESTINE AUX DISPOSITIFS ELECTRONIQUES UTILISES LORS D'INTERVENTIONS MEDICALES**
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[73] STERIDEV, LLC, US
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[72] PATEL, M.R., IN
[72] PATEL, A.K., IN
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[54] **A VERSATILE, ERGONOMIC GRIP STRUCTURE CONSISTING OF PARALLEL BARS AND METHOD OF USE**
[54] **UNE STRUCTURE DE PREHENSION ERGONOMIQUE POLYVALENTE DE BARRES PARALLELES ET METHODE D'UTILISATION**
[72] LEONIAK, JAMES T., CA
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[54] **FUEL SYSTEM IMPROVEMENTS WITH HIGH PRESSURE PUMP FOR WELDER GENERATORS**
[54] **AMELIORATIONS DE DISPOSITIF DE CARBURANT A POMPE HAUTE PRESSION DESTINEES AUX GENERATEURS DE SOUDAGE**
[72] JOCHMAN, NATHAN JOE, US
[73] ILLINOIS TOOL WORKS INC., US
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[54] **OPTIMISATION DE LA RECUPERATION DE PETROLE ET DIMINUTION DE LA PRODUCTION D'EAU DANS DES Puits INTELLIGENTS**
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[72] BOISVERT, IAN, CA
[72] KNABE, STEVEN, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **UN SYSTEME ET UNE METHODE DE COMPENSATION DU DECALAGE DE FREQUENCE DE CRISTAL DANS UN RESEAU MAILLE**
[72] PICARD, GILLES, FR
[72] MONIER, FABRICE, FR
[73] ITRON GLOBAL SARL, US
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[72] MACGREGOR, ROBERT SCOTT, CA
[72] ONG, MILAGRINO JOSE C., CA
[73] NCHAIN HOLDINGS LIMITED, AG
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[72] HIRAKAWA, NOBUHIKO, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
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[54] **DISTORTION COMPENSATION CIRCUIT**
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[72] OTSUKA, HIROSHI, JP
[72] KOMATSUZAKI, YUJI, JP
[72] NISHIHARA, JUN, JP
[72] NOTO, HIIFUMI, JP
[72] YAMANAKA, KOJI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[25] EN
[54] **BROKEN DISPERSION FOR HYDROPHOBICIZING LIGNOCELLULOSE-CONTAINING MATERIAL**
[54] **DISPERSION ECLATEE D'HYDROPHOBISATION DE MATERIAU RENFERMANT DE LA LIGNOCELLULOSE**
[72] KUNCINGER, THOMAS, AT
[73] FRITZ EGGER GMBH & CO. OG, AT
[85] 2016-10-31
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[30] DE (10 2015 113 775.5) 2015-08-19

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[54] **DOWNHOLE TOOLS COMPRISING AQUEOUS-DEGRADABLE SEALING ELEMENTS**
[54] **OUTILS EN FOND DE PUITS COMPRENANT DES ELEMENTS D'ETANCHEITE HYDRO-DEGRADABLES**
[72] MURPHREE, ZACHARY RYAN, US
[72] FRIPP, MICHAEL LINLEY, US
[72] WALTON, ZACHARY WILLIAM, US
[72] SMITH, CHARLES TIMOTHY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ENSEMBLE BLOC DE TRAINEE**
[72] DOCKWEILER, DAVID ALLEN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **DOWNHOLE TOOLS COMPRISING AQUEOUS-DEGRADABLE ELASTOMER SEALING ELEMENTS WITH CARBODIIMIDE**
[54] **OUTILS DE FOND COMPRENANT DES ELEMENTS D'ETANCHEITE A BASE D'ELASTOMERE DEGRADABLE AU CONTACT D'UN MILIEU AQUEUX CONTENANT UN CARBODIIMIDE**
[72] FRIPP, MICHAEL LINLEY, US
[72] WALTON, ZACHARY WILLIAM, US
[72] SMITH, CHARLES TIMOTHY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PYRAZOLOPYRIDINES ET PYRAZOLOPYRIMIDINES**
[72] COE, JOITHAM WADSWORTH, US
[72] JONES, PETER, US
[72] SABNIS, YOGESH ANIL, BE
[72] STROHBACH, JOSEPH WALTER, US
[72] WAKENHUT, FLORIAN MICHEL, DE
[72] WHITLOCK, GAVIN ALISTAIR, GB
[72] DEINHARDT, CHRISTOPH MARTIN, CA
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[54] **DOWNHOLE TOOLS COMPRISING CAST DEGRADABLE SEALING ELEMENTS**
[54] **OUTILS DE FOND DE TROU COMPRENANT DES ELEMENTS D'ETANCHEITE DEGRADABLES EN MATIERE COULEE**
[72] FRIPP, MICHAEL LINLEY, US
[72] WALTON, ZACHARY WILLIAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-09
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[54] **SONAR DEVICE, SIGNAL PROCESSING METHOD, AND RECORDING MEDIUM**
[54] **DISPOSITIF SONAR, PROCEDE DE TRAITEMENT DE SIGNAUX ET SUPPORT D'ENREGISTREMENT**
[72] SAWAMURA, YASUMASA, JP
[72] SATTO, RYOHEI, JP
[73] NEC CORPORATION, JP
[85] 2016-11-14
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[54] **OPTIMIZED SAGD WELL PLACEMENT UTILIZING TEMPERATURE AND ELECTROMAGNETIC MEASUREMENTS**
[54] **POSITIONNEMENT DE PUIITS DE SAGD OPTIMISE UTILISANT DES MESURES DE TEMPERATURE ET ELECTROMAGNETIQUES**
[72] DONDERICI, BURKAY, US
[72] UPSHALL, MALCOLM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYRINGE HAVING PIVOTING ARM PLUNGER ROD**
[54] **SERINGUE AVEC TIGE DE PISTON A BRAS ARTICULE**
[72] MANKE, DARRIN SCOTT, US
[72] LABAK, CHRISTOPHER, US
[72] ST. CYR, JOSEPH OMER, US
[73] BECTON DICKINSON FRANCE S.A.S., FR
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[54] **FLUID PRESSURE PULSE GENERATOR FOR A DOWNHOLE TELEMETRY TOOL**

[54] **GENERATEUR D'IMPULSIONS DE PRESSION DE FLUIDE POUR UN OUTIL DE TELEMETRIE DE FOND DE TROU**

[72] LEE, GAVIN GAW-WAE, CA
[72] LOGAN, JUSTIN C., CA
[72] LOGAN, AARON W., CA
[72] SWITZER, DAVID A., CA
[73] EVOLUTION ENGINEERING INC., CA
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[54] **FLUID PRESSURE PULSE GENERATOR FOR A DOWNHOLE TELEMETRY TOOL**

[54] **GENERATEUR D'IMPULSIONS DE PRESSION DE FLUIDE POUR UN OUTIL DE TELEMETRIE DE FOND DE TROU**

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[73] EVOLUTION ENGINEERING INC., CA
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[54] **MULTI-LAYER HOLD DOWN ASSEMBLY**

[54] **ENSEMBLE DE RETENUE MULTICOUCHE**

[72] THOMA, MICHAEL, US
[72] GILBERT, DANNY L., US
[72] SMIDLER, FRANCIS S., US
[73] WABASH NATIONAL, L.P., US
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[54] **DISTILLATION D'ETAT DE RESSOURCE EFFICACE**

[72] EASTIN, BRYAN K., US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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[87] (2954864)
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[54] **CONTROL SYSTEM FOR RAIL CAR PARKING BRAKE**

[54] **SYSTEME DE COMMANDE POUR FREIN DE STATIONNEMENT DE VEHICULE FERROVIAIRE**

[72] WRIGHT, ERIC C., US
[73] NEW YORK AIR BRAKE LLC, US
[85] 2017-01-26
[86] 2014-07-28 (PCT/US2014/048412)
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[54] **ELECTRIC MACHINE**

[54] **MACHINE ELECTRIQUE**

[72] SABAN, DANIEL M., US
[72] STOUT, JOHN, US
[72] KRISHNAN, VENKATESHWARAN, US
[72] STROUSE, DENNIS, US
[72] GUEDES-PINTO, PAULO, US
[72] IVASCHIENKO, ALEX, US
[72] PETROV, PETER, US
[73] DIRECT DRIVE SYSTEMS, INC., US
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[54] **ELECTRICAL CONNECTOR FOR HIGH-SPEED TRANSMISSION USING TWISTED-PAIR CABLE**

[54] **CONNECTEUR ELECTRIQUE POUR LA COMMUNICATION A HAUTE VITESSE UTILISANT UN CABLE A PAIRES TORSADEES**

[72] DANG, PHONG, US
[73] GLENAIR, INC., US
[85] 2017-02-08
[86] 2016-02-07 (PCT/US2016/016915)
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[54] **MOTORCYCLE TIE-DOWN APPARATUS**
[54] **APPAREIL DE FIXATION DE MOTOCYCLETTE**
[72] MCCALL, TRAVIS M., US
[72] WORKS, JOSEPH W., US
[72] RIETCHECK, CODY, US
[73] B & W CUSTOM TRUCK BEDS, INC., US
[86] (2959679)
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[54] **PATIENT POSITION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE POSITION DE PATIENT**
[72] GOWDA, RAJ K., US
[72] GARCIA, RICHARD JEFF, US
[73] KAP MEDICAL, US
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[87] (2959882)
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[54] **INTERNALLY TRUSSED HIGH-EXPANSION SUPPORT FOR INFLOW CONTROL DEVICE SEALING APPLICATIONS**
[54] **SUPPORT A HAUTE EXPANSION EN TREILLIS EN INTERNE POUR APPLICATIONS D'ETANCHEITE DE DISPOSITIF DE COMMANDE D'ECOULEMENT ENTRANT**
[72] MURPHREE, ZACHARY RYAN, US
[72] FRIPP, MICHAEL LINLEY, US
[72] GANO, JOHN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ARC SPOT WELDING METHOD AND WELDING APPARATUS FOR WORKING THE SAME**
[54] **METHODE DE SOUDAGE PAR POINT A L'ARC ET APPAREIL DE SOUDAGE DESTINE A DE TELS TRAVAUX**
[72] KODAMA, SHINJI, JP
[72] FURUSAKO, SEIJI, JP
[72] MIYAZAKI, YASUNOBU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[25] FR
[54] **MONOLITHIC BLADE, ROTORCRAFT ROTOR EQUIPPED WITH SUCH A MONOLITHIC BLADE AND ASSOCIATED ROTORCRAFT**
[54] **PALE MONOLITHIQUE, ROTOR DE GIRAVION EQUIPE D'UNE TELLE PALE MONOLITHIQUE ET GIRAVION ASSOCIE**
[72] AMARI, ANDRE, FR
[72] GAFFIERO, JACQUES, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2963655)
[87] (2963655)
[22] 2017-04-06
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[54] **ORTHODONTIC APPLIANCE WITH ELASTOMERIC CHAIN**
[54] **APPAREIL ORTHODONTIQUE DOTE D'UNE CHAINE ELASTOMERE**
[72] HAGELGANZ, ROLF, US
[72] BATHIEN, JUERGEN, US
[72] KABBANI, ROBERT, DE
[73] WORLD CLASS TECHNOLOGY CORPORATION, US
[85] 2017-04-07
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[54] **WAVEFORM PEAK DETECTION AND TIMING FOR RADAR APPLICATIONS**

[54] **DETECTION DE CRETE DE FORME D'ONDE ET SYNCHRONISATION POUR LES APPLICATIONS RADAR**

[72] HARVEY, JAMES FRANCIS, CA

[73] HARVEY, JAMES FRANCIS, CA

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[54] **IN VITRO MODEL FOR PRIORICIDAL ACTIVITY**

[54] **MODELE IN VITRO D'ACTIVITE ANTIPRIIONS**

[72] ANTILOGA, KATHLEEN M., US

[72] MCDONNELL, GERALD E., US

[73] STERIS INC., US

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[54] **CALIBRATION APPARATUS FOR A MEDICAL TOOL**

[54] **APPAREIL D'ETALONNAGE POUR OUTIL MEDICAL**

[72] WHITCOMB, NEIL, CA

[72] KIERADPIR, LEILA, CA

[72] LAU, WILLIAM, CA

[72] SELA, GAL., CA

[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB

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[54] **FOUR DE MELANGE/CALCINATION**

[72] SHIMA, HIROKAZU, JP

[72] HIGUCHI, NAOHIRO, JP

[72] TAKAYAMA, YOSHINORI, JP

[72] KOMATSU, TAKUYA, JP

[72] WANG, JUNZHU, JP

[73] MITSUBISHI MATERIALS CORPORATION, JP

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[54] **FLOOR SURFACING MACHINE**

[54] **MACHINE DE SURFACAGE DE PLANCHER**

[72] BERG, JOHAN, SE

[72] ROSEN, MAGNUS, SE

[72] FREIDLITZ, LARS, SE

[72] MADBRO, PAR, SE

[72] LEFF-HALLSTEIN, JOAKIM, SE

[73] HUSQVARNA AB, SE

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[25] EN

[54] **PEPTIDES AND COMPOSITIONS FOR PREVENTION OF CELL ADHESION AND METHODS OF USING SAME**

[54] **PEPTIDES ET COMPOSITIONS POUR PREVENIR L'ADHESION CELLULAIRE ET LEURS PROCEDES D'UTILISATION**

[72] ZLOTKIN, AMIR, IL

[73] TEL HASHOMER MEDICAL RESEARCH, INFRASTRUCTURE AND SERVICES LTD., IL

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[54] **COMBINAISONS A UTILISER POUR L'INHIBITION DE VIH-1**

[72] UNDERWOOD, MARK RICHARD, US

[73] VIIV HEALTHCARE COMPANY, US

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[54] **SMART CLEANER**
[54] **ASPIRATEUR INTELLIGENT**
[72] YU, QINGHAO, CN
[72] SHEN, QIANG, CN
[73] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
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[86] 2016-08-01 (PCT/CN2016/092755)
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[30] CN (201510827895.0) 2015-11-25

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[54] **CHASING SOLVENT FOR ENHANCED RECOVERY PROCESSES**
[54] **SOLVANT DE CHASSE DESTINE AUX PROCEDES AMELIORES DE RECUPERATION**
[72] WANG, JIANLIN, CA
[72] DONG, LU, CA
[72] GUO, WEIDONG, US
[72] FANG, CHEN, US
[72] SUITOR, MATTHEW D., CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
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[54] **IMMOVABLE PET BOWL AND A METHOD OF FABRICATING THEREOF**
[54] **BOL IMMOBILE DESTINE A UN ANIMAL DE COMPAGNIE ET METHODE DE FABRICATION ASSOCIEE**
[72] PADIA, ASHISH, IN
[73] PADIA, ASHISH, IN
[85] 2017-07-19
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[54] **HIGH PURITY HEPARIN AND PRODUCTION METHOD THEREFOR**
[54] **HEPARINE DE PURETE ELEVEE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] MUGURUMA, MICHIO, JP
[72] MURATA, HIROSHI, JP
[73] FUSO PHARMACEUTICAL INDUSTRIES, LTD., JP
[73] UNIVERSITY OF MIYAZAKI, JP
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[54] **VEHICULE DE TRANSPORT DE SYSTEME DE STOCKAGE ET D'EXTRACTION**
[72] CYRULIK, MICHAEL, US
[72] KEPPLER, TODD E., US
[72] COLLINS, SCOTT, US
[72] SIROIS, JASON S., US
[73] SYMBOTIC, LLC, US
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[25] EN
[54] **FURNITURE MEMBER WITH LEGREST EXTENSION**
[54] **ELEMENT DE MEUBLE AVEC EXTENSION DE REPOSE-JAMBES**
[72] LAPOINTE, LARRY P., US
[73] LA-Z-BOY INCORPORATED, US
[85] 2017-08-10
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[54] **EXTERNAL ROTOR ELECTRIC MACHINE WITH SMC BLOCKS INTERPOSED BETWEEN PERMANENT MAGNETS**
[54] **MACHINE ELECTRIQUE A ROTOR EXTERNE A BLOCS CMS INTERCALES ENTRE DES AIMANTS PERMANENTS**
[72] SHI, RUIJIHENG, CA
[72] GHARAKHANI, ARBI, CA
[72] HOULE, MARTIN, CA
[73] TMA INC., CA
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[54] **FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE**
[72] IKEDA, NOBUHISA, JP
[72] AOKI, TETSUYA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-09-27
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[13] C

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[25] EN
[54] **MULTI-PRESSURE TOE VALVE**
[54] **VANNE DE FOND DE TROU A PRESSION VARIABLE**
[72] SHIKURI, PIRO, US
[72] OLIVEIRA, GUSTAVO, US
[72] GREENAN, IAIN, US
[73] SUPERIOR ENERGY SERVICES, LLC, US
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[54] **VIBRATION ABSORPTION DEVICE AND METHOD FOR ACOUSTIC INSULATION**

[54] **DISPOSITIF D'ABSORPTION DE VIBRATION ET METHODE D'ISOLATION ACOUSTIQUE**

[72] DUCHARME, ALEXANDRE C., CA

[72] WELLINGTON, PATRICK, CA

[73] 9236-3135 QC INC., CA

[86] (2982731)

[87] (2982731)

[22] 2017-10-17

[11] 2,983,102
[13] C

[51] **Int.Cl. H04M 3/00 (2006.01) H04L 12/44 (2006.01) H04Q 3/62 (2006.01)**

[25] EN

[54] **TELEPHONE SYSTEM, EXCHANGE, TELEPHONE EXCHANGING METHOD, AND TELEPHONE EXCHANGING PROGRAM**

[54] **SYSTEME DE TELEPHONIE, CENTRAL, PROCEDE DE CENTRAL TELEPHONIQUE, ET PROGRAMME DE CENTRAL TELEPHONIQUE**

[72] NAGAI, KAZUKI, JP

[73] NEC PLATFORMS, LTD., JP

[85] 2017-10-17

[86] 2016-09-30 (PCT/JP2016/079013)

[87] (WO2017/057678)

[30] JP (2015-195758) 2015-10-01

[11] 2,985,032
[13] C

[51] **Int.Cl. E21D 21/00 (2006.01)**

[25] EN

[54] **LOCALLY ANCHORED SELF-DRILLING HOLLOW ROCK BOLT**

[54] **BOULON D'ANCRAGE CREUX AUTOFOREUR ANCRE LOCALEMENT**

[72] SKOGSETH, TROND, NO

[72] CHARETTE, FRANCOIS, CA

[72] SVANBERG, MARCUS, SE

[73] NORMET INTERNATIONAL LTD., CH

[85] 2017-11-03

[86] 2016-05-06 (PCT/IB2016/000712)

[87] (WO2016/181219)

[30] US (62/158,656) 2015-05-08

[11] 2,986,554
[13] C

[51] **Int.Cl. B25J 19/06 (2006.01)**

[25] EN

[54] **FAILURE DIAGNOSTIC DEVICE AND FAILURE DIAGNOSTIC METHOD**

[54] **DISPOSITIF DE DIAGNOSTIC DE DEFAILLANCE ET PROCEDE DE DIAGNOSTIC DE DEFAILLANCE**

[72] SHIMIZU, TOSHIYUKI, JP

[72] KUNO, MASAKI, JP

[72] TAKAGI, TORU, JP

[73] NISSAN MOTOR CO., LTD., JP

[85] 2017-11-20

[86] 2015-05-21 (PCT/JP2015/064552)

[87] (WO2016/185593)

[11] 2,988,249
[13] C

[51] **Int.Cl. A61B 1/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR MANIPULATING THE SIDE WALL OF A BODY LUMEN OR BODY CAVITY SO AS TO PROVIDE INCREASED VISUALIZATION OF THE SAME AND/OR INCREASED ACCESS TO THE SAME, AND/OR FOR STABILIZING INSTRUMENTS RELATIVE TO THE SAME**

[54] **PROCEDE ET APPAREIL DE MANIPULATION DE LA PAROI LATERALE D'UNE LUMIERE CORPORELLE OU D'UNE CAVITE CORPORELLE EN VUE DE FOURNIR UNE MEILLEURE VISUALISATION DE CELLES-CI ET/OU UN MEILLEUR ACCES A CELLES-CI, ET/OU DE STABILISATION D'INSTRUMENTS PAR RAPPORT A CELLES-CI**

[72] MILSOM, JEFFREY, US

[72] CORNHILL, JOHN FREDERICK, US

[72] NGUYEN, TUAN ANH, US

[72] SHARMA, SAMEER, US

[72] SATHI, RAHUL, US

[72] DENARDO, MATTHEW, US

[72] DILLON, CHRISTOPHER, US

[72] GREELEY, GABRIEL, US

[72] ASSAL, ANTHONY, US

[72] EVANS, STEPHEN, US

[72] VAN HILL, JEREMY, US

[72] WHITNEY, ASHLEY, US

[72] YAZBECK, RICHARD, US

[72] FORTUNATE, ALAN, US

[72] BELL, AUDREY, US

[72] ROBINSON, TIMOTHY, US

[72] CHOUINARD, BRIAN DAVID, US

[72] CHAN, PHALA, US

[72] REBH, WILLIAM, US

[73] LUMENID LTD., GB

[85] 2017-12-04

[86] 2016-06-03 (PCT/IB2016/000869)

[87] (WO2016/193820)

[30] US (62/170,497) 2015-06-03

[30] US (62/170,476) 2015-06-03

[30] US (62/244,008) 2015-10-20

[30] US (62/244,214) 2015-10-21

[30] US (62/305,804) 2016-03-09

[30] US (62/305,773) 2016-03-09

[30] US (62/305,797) 2016-03-09

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[11] 2,988,363
[13] C

[51] Int.Cl. C09J 123/14 (2006.01) C09J 123/16 (2006.01) C09J 201/00 (2006.01)

[25] EN

[54] **POLYPROPYLENE BASED HOT-MELT ADHESIVE COMPOSITION**

[54] **COMPOSITION ADHESIVE THERMOFUSIBLE A BASE DE POLYPROPYLENE**

[72] WANG, JINGBO, AT

[72] EK, CARL-GUSTAF, SE

[72] SONMEZ, ANIL, AT

[72] BERNREITNER, KLAUS, AT

[72] REICHELT, NORBERT, AT

[73] BOREALIS AG, AT

[85] 2017-12-05

[86] 2016-07-27 (PCT/EP2016/067897)

[87] (WO2017/017136)

[30] EP (15179158.9) 2015-07-30

[11] 2,989,349
[13] C

[51] Int.Cl. G06K 9/80 (2006.01) G06K 9/46 (2006.01) G06K 9/62 (2006.01)

[25] EN

[54] **METHODS AND A COMPUTING DEVICE FOR DETERMINING WHETHER A MARK IS GENUINE**

[54] **PROCEDES ET DISPOSITIF INFORMATIQUE DE DETERMINATION D'AUTHENTICITE D'UNE MARQUE**

[72] VOIGT, MATTHIAS, US

[72] SOBORSKI, MICHAEL L., US

[72] AYOUB, RAFIK, US

[73] SYS-TECH SOLUTIONS, INC., US

[85] 2017-12-12

[86] 2016-06-13 (PCT/US2016/037149)

[87] (WO2016/205102)

[30] US (62/180,477) 2015-06-16

[11] 2,989,980
[13] C

[51] Int.Cl. B60R 21/00 (2006.01)

[25] EN

[54] **PARKING ASSISTANCE DEVICE AND PARKING ASSISTANCE METHOD**

[54] **DISPOSITIF D'AIDE AU STATIONNEMENT ET PROCEDE D'AIDE AU STATIONNEMENT**

[72] MIKURIYA, YUTAKA, JP

[72] GOTO, AKINOBU, JP

[72] TANGE, SATOSHI, JP

[73] NISSAN MOTOR CO., LTD., JP

[85] 2017-12-18

[86] 2015-06-19 (PCT/JP2015/067742)

[87] (WO2016/203643)

[11] 2,990,416
[13] C

[51] Int.Cl. C08F 2/00 (2006.01) C08F 2/60 (2006.01) C08F 12/08 (2006.01) C08F 36/06 (2006.01) C08F 293/00 (2006.01)

[25] EN

[54] **LITHIUM INITIATORS**

[54] **INITIATEURS DE LITHIUM**

[72] PLESKA, ALEXANDER, CZ

[73] FINA TECHNOLOGY, INC., US

[85] 2017-12-20

[86] 2016-06-22 (PCT/US2016/038752)

[87] (WO2016/209953)

[30] US (62/183,500) 2015-06-23

[11] 2,990,775
[13] C

[51] Int.Cl. G01C 21/28 (2006.01) G08G 1/0969 (2006.01)

[25] EN

[54] **VEHICLE POSITION DETERMINATION APPARATUS AND VEHICLE POSITION DETERMINATION METHOD**

[54] **DISPOSITIF DE DETERMINATION DE POSITION DE VEHICULE ET PROCEDE DE DETERMINATION DE POSITION DE VEHICULE**

[72] OKUYAMA, TAKESHI, JP

[73] NISSAN MOTOR CO., LTD., JP

[85] 2017-12-22

[86] 2015-06-26 (PCT/JP2015/068525)

[87] (WO2016/208067)

[11] 2,992,530
[13] C

[51] Int.Cl. B21H 1/06 (2006.01) B21C 51/00 (2006.01)

[25] EN

[54] **METHOD FOR PRODUCING A CONTOURED RING ROLLING PRODUCT**

[54] **PROCEDE DE FABRICATION D'UN PRODUIT PROFILE OBTENU PAR LAMINAGE CIRCULAIRE**

[72] WITULSKI, THOMAS, DE

[72] IHNE, JOERG, DE

[72] TESCHNER, STEFAN, DE

[72] MUELLER, CHRISTOF, DE

[73] OTTO FUCHS - KOMMANDITGESELLSCHAFT, DE

[85] 2018-01-15

[86] 2015-07-31 (PCT/EP2015/067629)

[87] (WO2017/020922)

[11] 2,996,398
[13] C

[51] Int.Cl. H04M 3/51 (2006.01)

[25] EN

[54] **ACD SYSTEM, INCOMING-CALL ORDER NOTIFICATION METHOD, AND NON-TRANSITORY COMPUTER READABLE MEDIUM**

[54] **SYSTEME DE REPARTITION AUTOMATIQUE DES APPELS, PROCEDE DE NOTIFICATION D'ORDRE D'APPELS ENTRANTS, ET SUPPORT NON TEMPORAIRE LISIBLE PAR ORDINATEUR**

[72] TOMORI, AKIHITO, JP

[73] NEC PLATFORMS, LTD., JP

[85] 2018-02-22

[86] 2016-07-27 (PCT/JP2016/003485)

[87] (WO2017/043006)

[30] JP (2015-176486) 2015-09-08

[11] 2,997,834
[13] C

[51] Int.Cl. A63B 29/08 (2006.01)

[25] EN

[54] **MULTI-PURPOSE ICE AXE INCLUDING ROTATING SPIKE**

[54] **PIOLET A USAGES MULTIPLES COMPORTANT UNE POINTE ROTATIVE**

[72] WILLEY, KEVIN, E., US

[73] 2THINK, LLC, US

[85] 2017-11-16

[86] 2015-05-13 (PCT/US2015/030651)

[87] (WO2015/179193)

[30] US (14/281,618) 2014-05-19

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[11] 3,001,040

[13] C

[51] Int.Cl. G06F 17/30 (2006.01) G06F
21/50 (2013.01) G06F 21/56 (2013.01)

[25] EN

[54] SIMULATION AND VIRTUAL
REALITY BASED CYBER
BEHAVIORAL SYSTEMS

[54] SYSTEMES
CYBERCOMPORTEMENTAUX
BASES SUR UNE SIMULATION ET
LA REALITE VIRTUELLE

[72] GROSSMAN, ROBERT L., US

[72] ALEXANDER, KETHI B., US

[72] HEATH, JAMES E., US

[72] GARRETT, RANDY LYNN, US

[73] IRONNET CYBERSECURITY, INC.,
US

[85] 2018-04-04

[86] 2017-06-02 (PCT/US2017/035679)

[87] (WO2018/013244)

[30] US (62/362,346) 2016-07-14

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[21] 2,950,264
[13] A1
[51] Int.Cl. A01M 29/16 (2011.01) G10K 15/06 (2006.01)
[25] EN
[54] STOPSHOT
[54] BLOQUEUR D'INTRUS
[72] FORRESTER, JERRY JF, CA
[71] FORRESTER, JERRY JF, CA
[22] 2017-01-03
[41] 2018-07-03

[21] 2,953,315
[13] A1
[51] Int.Cl. B65H 75/40 (2006.01)
[25] EN
[54] STRAP WINDER
[54] ENROULEUR DE COURROIE
[72] HITSMAN, JOHN, CA
[71] 2204217 ONTARIO INC., CA
[22] 2017-01-03
[41] 2018-07-03

[21] 2,953,332
[13] A1
[51] Int.Cl. A41D 1/00 (2018.01) A41H 1/00 (2006.01) A61H 1/00 (2006.01)
[25] EN
[54] NOVEL T-SHIRTS WITH PERFECT FIT SIZES TAILORED AS THE BODY FORM OF GOLDEN RATIO (A NEW METHOD OF FIT OUTFIT MASS PRODUCTION)
[54] T-SHIRTS NOVATEURS AJUSTES PARFAITEMENT A LA FORME DU CORPS SELON LE NOMBRE D'OR (UNE NOUVELLE METHODE DE COUPE DESTINEE A LA PRODUCTION DE MASSE)
[72] IORDANOV, IORDAN, CA
[71] IORDANOV, IORDAN, CA
[22] 2017-01-03
[41] 2018-07-03

[21] 2,953,373
[13] A1
[51] Int.Cl. B60R 21/02 (2006.01) B60N 2/26 (2006.01) G08B 21/02 (2006.01)
[25] FR
[54] SYSTEM FOR SIGNALLING THE PRESENCE OF A BABY IN A VEHICLE WHEN THE DRIVER DOOR IS OPEN
[54] SYSTEME DE SIGNALISATION DE LA PRESENCE D'UN BEBE A BORD D'UN VEHECULE LORSQUE LA PORTE DU CONDUCTEUR EST OUVERTE
[72] DJENOU, YAAQOUB, CA
[71] DJENOU, YAAQOUB, CA
[22] 2017-01-03
[41] 2018-07-03

[21] 2,953,375
[13] A1
[51] Int.Cl. B65D 65/40 (2006.01) B29C 49/00 (2006.01)
[25] EN
[54] DEVICE AND METHOD FOR THE MAKING OF POLYMERIC FILMS WITH CONTROLLED THICKNESS, AND POLYMERIC FILMS THEREOF
[54] APPAREIL ET METHODE DE FABRICATION DE PELLICULES POLYMERES A EPAISSEUR CONTROLEE, ET PELLICULES POLYMERES AINSI PRODUITS
[72] TAGHIZADEH, ATA, CA
[72] GILBERT ST-PIERRE, SIMON, CA
[71] SOLMAX INTERNATIONAL INC., CA
[22] 2017-01-03
[41] 2018-07-03

[21] 2,953,381
[13] A1
[51] Int.Cl. A24F 15/00 (2006.01)
[25] EN
[54] PORTABLE SMOKING STORAGE SYSTEM
[54] SYSTEME DE RANGEMENT D'ARTICLES DE FUMEUR PORTATIF
[72] HOUSTON, ISAAC M., CA
[71] HOUSTON, ISAAC M., CA
[22] 2017-01-03
[41] 2018-07-03

[21] 2,953,384
[13] A1
[51] Int.Cl. A42B 3/24 (2006.01) A42B 3/10 (2006.01) A42B 3/12 (2006.01) A42B 3/28 (2006.01)
[25] EN
[54] AIR CONTROL PADS AND SYSTEM FOR AN HELMET AND HELMET EQUIPPED WITH SAME
[54] COUSSINETS DE CONTROLE D'AIR ET SYSTEME DESTINE A UN CASQUE ET CASQUE EQUIPE DESDITS COUSSINETS
[72] HANDFIELD, ROBERT, CA
[72] BOUCHARD-FORTIN, NICOLAS, CA
[71] KIMPEX INC., CA
[22] 2017-01-03
[41] 2018-07-03

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[21] 2,953,532
[13] A1

[51] Int.Cl. F41A 17/46 (2006.01) F41A 17/06 (2006.01)

[25] EN

[54] REMOTELY ACTIVATED SELF LOCKING ATTACHABLE TRIGGER LOCK FIREARM DEVICE

[54] DISPOSITIF D'ARME A FEU A DECLENCHEUR FIXABLE AUTOBLOQUANT ACTIVE A DISTANCE

[72] MALICHEN SNTDER, THOMAS J., CA

[71] MALICHEN SNTDER, THOMAS J., CA

[22] 2017-01-03

[41] 2018-07-03

[21] 2,953,591
[13] A1

[51] Int.Cl. C02F 1/52 (2006.01) B01D 17/06 (2006.01) B01D 53/52 (2006.01) C02F 1/24 (2006.01) C02F 1/463 (2006.01) C02F 1/58 (2006.01) C02F 1/66 (2006.01) C02F 1/72 (2006.01) C01B 17/74 (2006.01)

[25] EN

[54] A SYSTEM AND PROCESS FOR TREATING WATER

[54] UN SYSTEME ET UN PROCEDE DE TRAITEMENT DE L'EAU

[72] JACK, PETER DOUGLAS, CA

[72] STEPHENSON, ROBERT JOHN, CA

[71] MUDDY RIVER TECHNOLOGIES INC., CA

[22] 2017-01-05

[41] 2018-07-05

[21] 2,953,631
[13] A1

[51] Int.Cl. A45D 2/00 (2006.01) A45D 8/34 (2006.01)

[25] EN

[54] HAIR BRAIDING MACHINE TO PERFORM THREE-STRANDED BRAIDS

[54] MACHINE DE TRESSAGE DE CHEVEUX EN VUE DE FORMER DES TRESSSES A TROIS BRINS

[72] ROBERT, ERIC, CA

[72] SHI, XUNXUN, CA

[72] OLOKO, ADESEWA B., CA

[71] ROBERT, ERIC, CA

[71] SHI, XUNXUN, CA

[71] OLOKO, ADESEWA B., CA

[22] 2017-01-05

[41] 2018-07-05

[21] 2,953,583
[13] A1

[51] Int.Cl. E21B 17/00 (2006.01) E21B 17/042 (2006.01) F16L 9/02 (2006.01)

[25] EN

[54] DRILL PIPE

[54] TUYAU DE FORAGE

[72] KINSELLA, DOUGLAS, CA

[72] CAMPBELL, STEVEN, CA

[71] KINSELLA, DOUGLAS, CA

[71] CAMPBELL, STEVEN, CA

[22] 2017-01-05

[41] 2018-07-05

[21] 2,953,610
[13] A1

[51] Int.Cl. C08J 3/205 (2006.01) C08K 5/526 (2006.01) C08L 23/08 (2006.01) C08F 210/16 (2006.01)

[25] EN

[54] MIXED PHOSPHITE STABILIZATION OF POLYETHYLENE FILM

[54] STABILISATION DE PHOSPHITE MIXTE DE PELLICULE DE POLYETHYLENE

[72] LIGHTBODY, OWEN, CA

[72] TIKUISIS, TONY, CA

[72] WALDIE, FRASER, CA

[72] CHISHOLM, P. SCOTT, CA

[71] NOVA CHEMICALS CORPORATION, CA

[22] 2017-01-05

[41] 2018-07-05

[21] 2,953,669
[13] A1

[51] Int.Cl. C07B 37/04 (2006.01) C07C 51/377 (2006.01) C07C 67/317 (2006.01) C07C 211/05 (2006.01) C07F 1/08 (2006.01) C07F 5/02 (2006.01)

[25] EN

[54] OXIDATIVE COUPLING OF ARYL BORON REAGENTS WITH SP³-CARBON NUCLEOPHILES, AND AMBIENT DECARBOXYLATIVE ARYLATION OF MALONATE HALF-ESTERS VIA OXIDATIVE CATALYSIS

[54] COUPLAGE OXYDANT D'AGENTS DE BORYLATION AVEC DES NUCLEOPHILES SP³-CARBONE, ET ARYLATION DECARBOXYLANTE AMBIANTE DE DEMI-ESTERS DE MALONATE PAR CATALYSE OXYDANTE

[72] LUNDGREN, RYLAN, CA

[72] MOON, PATRICK, CA

[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA

[22] 2017-01-05

[41] 2018-07-05

[21] 2,953,586
[13] A1

[51] Int.Cl. C08B 37/12 (2006.01) B31D 5/00 (2017.01) B65D 65/38 (2006.01) A23L 29/256 (2016.01) A01H 13/00 (2006.01)

[25] EN

[54] METHOD FOR THE PRODUCTION OF AN ALGAE-BASED CONTAINER

[54] METHODE DE PRODUCTION D'UN CONTENANT A BASE D'ALGUE

[72] NGUYEN, ERIN NHU-CHAN EN, CA

[72] ZHANG, SHENLU SZ, CA

[72] AMANI CHIGANGU, PASCAL PAC, CA

[71] NGUYEN, ERIN NHU-CHAN EN, CA

[71] ZHANG, SHENLU SZ, CA

[71] AMANI CHIGANGU, PASCAL PAC, CA

[22] 2017-01-05

[41] 2018-07-05

[21] 2,953,630
[13] A1

[51] Int.Cl. A46B 9/10 (2006.01)

[25] EN

[54] ROTATING TOOTHBRUSH HANDLE

[54] POIGNEE DE BROSSA A DENTS ROTATIVE

[72] UNKNOWN, ZZ

[71] WILEY, DANIEL D., CA

[22] 2017-01-05

[41] 2018-07-05

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[21] 2,953,713
[13] A1

[51] Int.Cl. G01N 21/71 (2006.01)
[25] EN
[54] **METHOD AND SYSTEM FOR SAMPLING AND ANALYZING ORGANIC MATERIAL**
[54] **METHODE ET SYSTEME D'ECHANTILLONNAGE ET D'ANALYSE DE MATIERE ORGANIQUE**
[72] DEGRACE, CHRISTIAN, CA
[72] CORRIVEAU, MICHEL, CA
[72] CLEMENT, GILLES, CA
[72] NAULT, CHARLES, CA
[71] LOGIAG INC., CA
[22] 2017-01-04
[41] 2018-07-04

[21] 2,953,748
[13] A1

[51] Int.Cl. B42D 15/04 (2006.01) F16C 1/02 (2006.01)
[25] EN
[54] **FLEXIBLE DRIVE SHAFT FOR GREETING CARDS AND THE LIKE**
[54] **TIGE D'ENTRAINEMENT FLEXIBLE DESTINEE A DES CARTES DE SOUHAITS ET AUTRES SEMBLABLES**
[72] BOWEN, DOUGLAS M., US
[72] COVEY, ROBERT A., US
[72] WALLEN, THOMAS A., US
[72] PAVLU, ROBERT R., US
[71] HALLMARK CARDS, INCORPORATED, US
[22] 2017-01-05
[41] 2018-07-04
[30] US (15/398,524) 2017-01-04

[21] 2,953,784
[13] A1

[51] Int.Cl. G06Q 20/38 (2012.01)
[25] EN
[54] **REAL-TIME APPROVAL AND EXECUTION OF DATA EXCHANGES BETWEEN COMPUTING SYSTEMS**
[54] **APPROBATION EN TEMPS REEL ET EXECUTION D'ECHANGE DE DONNEES ENTRE SYSTEMES INFORMATIQUES**
[72] MCCANN, STEPHEN JOHN, CA
[72] CHOW, ARTHUR CARROLL, CA
[72] HALDENBY, PERRY AARON JONES, CA
[72] JETTIWA, RAKESH THOMAS, CA
[72] LEE, JOHN JONG SUK, CA
[72] CHAN, PAUL MON-WAI, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2017-01-05
[41] 2018-07-05
[30] US (15/398,824) 2017-01-05

[21] 2,953,951
[13] A1

[51] Int.Cl. B09C 1/10 (2006.01) B09C 1/08 (2006.01)
[25] EN
[54] **A HIGH-RATE BIOREACTOR SYSTEM FOR SOIL REMEDIATION**
[54] **UN SYSTEME DE BIOREACTEUR A HAUT DEBIT DESTINE AU RETABLISSEMENT DES SOLS**
[72] ZHANG, XIAOKUN X. Z., CA
[71] ZHANG, XIAOKUN X. Z., CA
[22] 2017-01-06
[41] 2018-07-06

[21] 2,955,534
[13] A1

[51] Int.Cl. B65G 7/12 (2006.01) A45F 3/04 (2006.01) A45F 3/14 (2006.01)
[25] EN
[54] **A BACKPACK HARNESS FOR SUPPORTING A FOLDING STAND AND OTHER ACCESSORIES**
[54] **UN HARNAIS DE SAC A DOS SERVANT A SOUTENIR UN SUPPORT PLIANT ET AUTRES ACCESSOIRES**
[72] BINDING, LAWRENCE, CA
[71] BINDING, LAWRENCE, CA
[22] 2017-01-19
[41] 2018-07-05
[30] US (15/399,054) 2017-01-05

[21] 2,957,952
[13] A1

[51] Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)
[25] EN
[54] **SOYBEAN CULTIVAR CL1463369**
[54] **CULTIVAR DE SOJA CL1463369**
[72] THRELKELD, KEVIN CHRIS, US
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-02-15
[41] 2018-07-04
[30] US (15/397,879) 2017-01-04

[21] 2,957,956
[13] A1

[51] Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)
[25] EN
[54] **SOYBEAN CULTIVAR CL1463057**
[54] **CULTIVAR DE SOJA CL1463057**
[72] LINDENBAUM, KURT MILAN, US
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-02-15
[41] 2018-07-04
[30] US (15/397,872) 2017-01-04

[21] 2,959,397
[13] A1

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[25] EN
[54] **SOYBEAN CULTIVAR CL1463523**
[54] **CULTIVAR DE SOJA CL1463523**
[72] LINDENBAUM, KURT MILAN, US
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-02-28
[41] 2018-07-04
[30] US (15/397,908) 2017-01-04

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[13] A1

[51] Int.Cl. A47J 25/00 (2006.01) A47J 17/00 (2006.01) A47J 43/00 (2006.01)

[25] EN

[54] **CUTTER FOR CORN THRESHING AND ROTARY FOOD PROCESSOR THEREWITH**

[54] **OUTIL DE COUPE DE BATTAGE DE MAIS ET ROBOT DE TRAITEMENT D'ALIMENT ROTATIF ASSOCIE**

[72] WONG, YAN KWONG, CN

[71] WONG, YAN KWONG, CN

[22] 2017-05-15

[41] 2018-07-05

[30] CN (201720011272.0) 2017-01-05

[21] 2,973,281
[13] A1

[51] Int.Cl. B29B 17/00 (2006.01) B29C 47/00 (2006.01) C08J 11/06 (2006.01) C08L 63/00 (2006.01)

[25] EN

[54] **COMPOSITE EPOXY RESIN BOARD AND FORMING METHOD THEREOF**

[54] **PLAQUE EN RESINE EPOXYDE COMPOSITE ET METHODE DE FORMATION ASSOCIEE**

[72] SONG, DANGJI, CN

[71] GUANGDONG OUMING NEW MATERIAL TECHNOLOGY CO., LTD., CN

[22] 2017-07-12

[41] 2018-07-05

[30] CN (201710008279.1) 2017-01-05

[21] 2,981,314
[13] A1

[51] Int.Cl. A01F 29/22 (2006.01) B02C 18/18 (2006.01)

[25] FR

[54] **SELF-SHARPENING KNIFE**

[54] **COUTEAU AUTO-AIGUISANT**

[72] BERNARD, VINCENT, CA

[71] BERNARD, VINCENT, CA

[22] 2017-10-04

[41] 2018-07-03

[21] 2,982,793
[13] A1

[51] Int.Cl. H01S 5/024 (2006.01) F41H 13/00 (2006.01)

[25] EN

[54] **OPTICAL THERMAL PROFILE**

[54] **PROFIL THERMIQUE OPTIQUE**

[72] EIFERT, ANDREW, US

[72] WILSON, ERIC, US

[72] WHITE, RUSSELL, US

[72] BLACKWELDER, MARK JON, US

[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US

[71] ROLLS-ROYCE CORPORATION, US

[22] 2017-10-18

[41] 2018-07-04

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[21] 2,984,300
[13] A1

[51] Int.Cl. G06F 3/14 (2006.01) G06F 3/01 (2006.01) G06F 3/16 (2006.01) G09G 5/12 (2006.01)

[25] EN

[54] **ADAPTIVE POLYHEDRAL DISPLAY DEVICE**

[54] **DISPOSITIF D'AFFICHAGE POLYEDRE ADAPTATIF**

[72] PATIL, AMIT, US

[72] MUKHERJEE, ANIMESH, US

[72] VERMA, ANJALI, US

[72] HALIGERI VEERANA, VIVEK, US

[72] ANNAMARAJU, JYOTHI, US

[72] SIVARAJAN, SAREESH, US

[72] MULAY, SATISH, US

[72] SINGH, GURTAJ, US

[72] GUPTA, PARAG, US

[71] HONEYWELL INTERNATIONAL, INC., US

[22] 2017-10-27

[41] 2018-07-05

[30] US (15/399,261) 2017-01-05

[21] 2,987,139
[13] A1

[51] Int.Cl. H01R 31/06 (2006.01) H01R 13/502 (2006.01)

[25] EN

[54] **ELECTRICAL INTERFACE WITH SPRING LOADED CONTACT POINTS**

[54] **INTERFACE ELECTRIQUE DOTE DE POINTS DE CONTACT A RESSORT**

[72] BAUSCH, MICHAEL E., US

[72] MUELLER, MICHAEL R., US

[72] BROWN, ROLLIN, US

[71] HARRIS CORPORATION, US

[22] 2017-11-28

[41] 2018-07-06

[30] US (15/400,719) 2017-01-06

[21] 2,987,186
[13] A1

[51] Int.Cl. G01M 17/00 (2006.01) G07C 5/00 (2006.01)

[25] EN

[54] **REDUCING NUISANCE FAULT INDICATIONS FROM A VEHICLE USING PHYSICS BASED AND DATA DRIVEN MODELS**

[54] **REDUCTION DE NUISANCE D'INDICATION DE DEFAUT D'UN VEHICULE AU MOYEN DE MODELES FONDES SUR LA PHYSIQUE ET ENTRAINEES PAR DES DONNEES**

[72] SAFA-BAKHSI, ROBAB, US

[71] THE BOEING COMPANY, US

[22] 2017-11-29

[41] 2018-07-03

[30] US (15/397,404) 2017-01-03

[21] 2,987,229
[13] A1

[51] Int.Cl. A01G 9/14 (2006.01) A01G 9/16 (2006.01)

[25] EN

[54] **GREENHOUSE MODULE WHICH IS VERTICALLY STACKABLE**

[54] **MODULE DE SERRE QUI EST EMPILABLE VERTICALEMENT**

[72] ZAILO, ANDREAS, CA

[71] ZAILO, ANDREAS, CA

[22] 2017-11-30

[41] 2018-07-04

[30] US (62/442,128) 2017-01-04

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[13] A1

[51] **Int.Cl. H04W 8/22 (2009.01) H04W 64/00 (2009.01) H04L 12/24 (2006.01) G08B 13/196 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR RELATING CONFIGURATION DATA TO IP CAMERAS**

[54] **SYSTEMES ET METHODES DE MISE EN RELATION DE DONNEES DE CONFIGURATION ET DE CAMERAS IP**

[72] YU, YUNFENG, US

[72] YAN, WENBIN, US

[72] GUO, ZHENXING, US

[71] HONEYWELL INTERNATIONAL INC., US

[22] 2017-12-05

[41] 2018-07-05

[30] US (15/398,964) 2017-01-05

[21] 2,988,328
[13] A1

[51] **Int.Cl. B61D 7/02 (2006.01) B61D 7/20 (2006.01)**

[25] EN

[54] **HOPPER CAR WITH LOW-HEIGHT GATE**

[54] **CHARIOT DE TREMIE A PORTE BASSE**

[72] RICHMOND, SHAUN, US

[71] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US

[22] 2017-12-08

[41] 2018-07-05

[30] US (15/399,072) 2017-01-05

[21] 2,988,335
[13] A1

[51] **Int.Cl. E05B 17/20 (2006.01) E05B 15/00 (2006.01) E05C 1/08 (2006.01)**

[25] EN

[54] **DEADBOLT LOCK ASSEMBLY WITH VISUAL FEEDBACK**

[54] **DISPOSITIF DE SERRURE A PENE DORMANT A RETROACTION VISUELLE**

[72] HSU, WEI, US

[72] SCHNEIDER, ELLIOTT, US

[72] SINGTOROJ, YOS, US

[71] SPECTRUM BRANDS, INC., US

[22] 2017-12-08

[41] 2018-07-03

[30] US (15/397,515) 2017-01-03

[21] 2,988,663
[13] A1

[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/064 (2006.01) A61B 17/08 (2006.01) A61B 17/10 (2006.01) A61M 31/00 (2006.01) A61M 36/04 (2006.01) A61N 5/10 (2006.01)**

[25] EN

[54] **IMPLANTABLE FASTENERS, APPLICATORS, AND METHODS FOR BRACHYTHERAPY**

[54] **FIXATIONS IMPLANTABLES, APPLICATEURS ET METHODES DESTINEES A LA CURIETHERAPIE**

[72] KOSTRZEWSKI, STANISLAW, US

[72] HODGKINSON, GERALD, US

[72] OLSON, LEE ANN, US

[72] PRIBANIC, RUSSELL, US

[72] CHOWANIEC, MATTHEW, US

[72] PEDROS, ROBERT, US

[72] CAMPANELLI, THOMAS, US

[72] NICHOLAS, DAVID, US

[71] COVIDIEN LP, US

[22] 2017-12-13

[41] 2018-07-05

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[30] US (62/451,936) 2017-01-30

[30] US (62/514,089) 2017-06-02

[30] US (15/835,853) 2017-12-08

[21] 2,988,928
[13] A1

[51] **Int.Cl. B08B 5/02 (2006.01) B23Q 3/12 (2006.01)**

[25] EN

[54] **MULTI-TOOL PART CLEANING MACHINE**

[54] **MACHINE DE NETTOYAGE DE PIECE MULTI-OUTIL**

[72] STOCKERT, DAVID L., US

[72] MILLER, SCOTT A., US

[72] CARMACK, KENNETH, US

[71] FIVES CINETIC CORP., US

[22] 2017-12-14

[41] 2018-07-05

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[30] US (15/715,231) 2017-09-26

[21] 2,989,548
[13] A1

[51] **Int.Cl. G01B 11/25 (2006.01) B05C 15/00 (2006.01) E04H 5/00 (2006.01) G01B 11/30 (2006.01) G01N 21/95 (2006.01)**

[25] EN

[54] **A SYSTEM AND METHOD FOR FINDING DENTS ON AN AUTOMOBILE USING A BOOTH**

[54] **UN SYSTEME ET UNE METHODE DE REPERAGE DE BOSSES SUR UNE AUTOMOBILE A PARTIR D'UN KIOSQUE**

[72] WILLIAMS, THOMAS, US

[71] WILLIAMS, THOMAS, US

[22] 2017-12-20

[41] 2018-07-04

[30] US (15/398,056) 2017-01-04

[21] 2,989,549
[13] A1

[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/095 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR VISUALLY DISPLAYING THERMAL DUTY CYCLES**

[54] **METHODES ET SYSTEMES D'AFFICHAGE VISUEL DE CYCLES DE TACHES THERMIQUES**

[72] KNOENER, CRAIG STEVEN, US

[72] NIKOU, MILAD PASHAPOUR, US

[72] THIELKE, ANDREW JAMES, US

[72] MACMULLEN, ZACH W., US

[72] TYLER, CHARLES ACE, US

[71] ILLINOIS TOOL WORKS INC., US

[22] 2017-12-20

[41] 2018-07-04

[30] US (15/398,469) 2017-01-04

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[21] 2,989,587
[13] A1

[51] Int.Cl. B23K 9/095 (2006.01) B23K 9/10 (2006.01)
[25] EN
[54] **METHODS AND SYSTEMS FOR SELECTING WELDING SCHEDULES IN A WELDING-TYPE TORCH**
[54] **METHODES ET SYSTEMES DE SELECTION D'HORAIRES DE SOUDAGE D'UN CHALUMEAU DE TYPE SOUDAGE**
[72] KNOENER, CRAIG STEVEN, US
[72] ROEHL, CHRIS J., US
[72] THIELKE, ANDREW JAMES, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2017-12-20
[41] 2018-07-04
[30] US (15/398,432) 2017-01-04

[21] 2,989,591
[13] A1

[51] Int.Cl. G06F 21/62 (2013.01) G06F 17/30 (2006.01)
[25] EN
[54] **SYSTEM AND METHOD FOR APPLICATION ROUTE MANAGEMENT**
[54] **SYSTEME ET METHODE DESTINEES A UNE APPLICATION DE GESTION DE TRAJETS**
[72] NORRIS, JEREMY, US
[72] CHAN, ANTHONY, US
[72] SHAH, SIDDHARTH, US
[71] SERVICENOW, INC., US
[22] 2017-12-20
[41] 2018-07-02
[30] US (15/421,734) 2017-01-02

[21] 2,989,601
[13] A1

[51] Int.Cl. B23K 9/10 (2006.01) B23K 9/095 (2006.01) B23K 9/32 (2006.01)
[25] EN
[54] **METHODS AND SYSTEMS FOR INDICATING A SCHEDULE IN A WELDING-TYPE TORCH**
[54] **METHODES ET SYSTEMES D'INDICATION D'UN HORAIRE D'UN CHALUMEAU DE TYPE SOUDAGE**
[72] KNOENER, CRAIG STEVEN, US
[72] ROEHL, CHRIS J., US
[72] THIELKE, ANDREW JAMES, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2017-12-20
[41] 2018-07-04
[30] US (15/398,452) 2017-01-04

[21] 2,989,643
[13] A1

[51] Int.Cl. G06Q 10/00 (2012.01) G06K 7/10 (2006.01) G06K 9/18 (2006.01)
[25] FR
[54] **LOCAL UNIT FOR MONITORING MAINTENANCE FOR EQUIPMENT AND VALIDATION PROCESS OF AN INTERVENTION MISSION ON THE EQUIPMENT**
[54] **UNITE LOCALE DE SUIVI DE MAINTENANCE D'UN EQUIPEMENT ET PROCEDE DE VALIDATION D'UNE MISSION D'INTERVENTION SUR L'EQUIPEMENT**
[72] AZPITARTE, JEAN-PATRICK, FR
[72] VIOLET, NICOLAS, FR
[71] GETRALINE, FR
[22] 2017-12-19
[41] 2018-07-04
[30] EP (17150301.4) 2017-01-04

[21] 2,990,113
[13] A1

[51] Int.Cl. A61L 2/28 (2006.01)
[25] EN
[54] **SELF-CONTAINED BIOLOGICAL INDICATOR**
[54] **INDICATEUR BIOLOGIQUE INDEPENDANT**
[72] TRUONG, DOUG VO, US
[71] ETHICON, INC., US
[22] 2017-12-21
[41] 2018-07-03
[30] US (15/397,018) 2017-01-03

[21] 2,990,204
[13] A1

[51] Int.Cl. H04R 3/02 (2006.01) B60R 11/02 (2006.01) G10L 15/00 (2013.01)
[25] EN
[54] **VOICE INTERFACE AND VOCAL ENTERTAINMENT SYSTEM**
[54] **SYSTEME D'INTERFACE VOCALE ET DE DIVERTISSEMENT VOCAL**
[72] PARANJPE, SHIREYAS ANAND, CA
[72] HETHERINGTON, PHILLIP ALAN, CA
[72] LAYTON, LEONARD CHARLES, CA
[71] 2236008 ONTARIO INC., CA
[71] BLACKBERRY LIMITED, CA
[22] 2017-12-22
[41] 2018-07-04
[30] US (62/442,284) 2017-01-04

[21] 2,990,207
[13] A1

[51] Int.Cl. H04R 3/02 (2006.01) B60R 11/02 (2006.01)
[25] EN
[54] **VOICE INTERFACE AND VOCAL ENTERTAINMENT SYSTEM**
[54] **SYSTEME D'INTERFACE VOCALE ET DE DIVERTISSEMENT VOCAL**
[72] PARANJPE, SHIREYAS ANAND, CA
[72] HETHERINGTON, PHILLIP ALAN, CA
[72] LAYTON, LEONARD CHARLES, CA
[71] 2236008 ONTARIO INC., CA
[71] BLACKBERRY LIMITED, CA
[22] 2017-12-22
[41] 2018-07-04
[30] US (62/422,284) 2017-01-04

[21] 2,990,213
[13] A1

[51] Int.Cl. G10H 1/053 (2006.01) H04N 7/18 (2006.01)
[25] EN
[54] **THREE-DIMENSIONAL SIMULATION SYSTEM**
[54] **SYSTEME DE SIMULATION TRIDIMENSIONNELLE**
[72] PARANJPE, SHIREYAS ANAND, CA
[72] LAYTON, LEONARD CHARLES, CA
[72] HETHERINGTON, PHILLIP ALAN, CA
[71] 2236008 ONTARIO INC., CA
[71] BLACKBERRY LIMITED, CA
[22] 2017-12-22
[41] 2018-07-04
[30] US (62/442,297) 2017-01-04

[21] 2,990,379
[13] A1

[51] Int.Cl. B62D 55/07 (2006.01) B62D 55/08 (2006.01)
[25] EN
[54] **SNOWMOBILE**
[54] **MOTONEIGE**
[72] VIGEN, DAVID L., US
[71] ARCTIC CAT INC., US
[22] 2017-12-29
[41] 2018-07-03
[30] US (62/441,812) 2017-01-03

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[13] A1

[51] **Int.Cl. F16L 13/00 (2006.01) F16L 21/08 (2006.01) F16L 37/088 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR TOOL-LESS, PRE-ASSEMBLED RESTRAINED JOINT FOR PIPE**
[54] **SYSTEME, METHODE ET APPAREIL DESTINES A UN JOINT RETENU DE TUYAU PREASSEMBLE, SANS OUTIL**
[72] DEAN, ROY L., US
[71] NORTH AMERICAN PIPE CORPORATION, US
[22] 2017-12-29
[41] 2018-07-04
[30] US (62/442,266) 2017-01-04

[21] 2,990,542
[13] A1

[51] **Int.Cl. B61C 17/00 (2006.01) B60W 50/08 (2012.01)**
[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS FOR RELAYING VOICE MESSAGES TO OPERATOR CONTROL UNITS OF REMOTE CONTROL LOCOMOTIVES**
[54] **DISPOSITIFS, SYSTEMES ET METHODE DE TRANSMISSION DE MESSAGES VOCAUX AUX MODULES DE CONTROLE OPERATEUR DE LOCOMOTIVES TELECOMMANDEES**
[72] JOVENALL, JEREMY, US
[72] SZKLAR, OLEH, CA
[71] LAIRD TECHNOLOGIES, INC., US
[22] 2018-01-02
[41] 2018-07-03
[30] US (15/397,186) 2017-01-03

[21] 2,990,652
[13] A1

[51] **Int.Cl. A61G 5/10 (2006.01) A61G 5/02 (2006.01)**
[25] EN
[54] **TILT-IN-SPACE WHEELCHAIR WITH DYNAMIC TILT RANGE**
[54] **FAUTEUIL ROULANT A BASCULE PIVOT OFFRANT UNE PLAGE D'INCLINAISON DYNAMIQUE**
[72] BROWN, TORR, CA
[72] NAJAFI-ASHITANI, BAHAREH, CA
[72] FORMBY, JAMES, CA
[72] RICHTER, JULIAN, CA
[72] BELANGER, LOUIS, CA
[72] CHIEF, PATRICK, CA
[71] PIDG PRODUCT DESIGN GROUP INC., CA
[22] 2018-01-03
[41] 2018-07-04
[30] US (62/442,202) 2017-01-04

[21] 2,990,661
[13] A1

[51] **Int.Cl. F16H 57/08 (2006.01) F16H 1/28 (2006.01) F16H 57/04 (2010.01)**
[25] EN
[54] **A PLANET WHEEL CARRIER FOR A PLANETARY GEAR**
[54] **UN SUPPORT DE ROUE PLANETAIRE DESTINE A UN ENGRENAGE PLANETAIRE**
[72] TULOKAS, JANNIE, FI
[71] MOVENTAS GEARS OY, FI
[22] 2018-01-02
[41] 2018-07-02
[30] EP (17150015.0) 2017-01-02

[21] 2,990,664
[13] A1

[51] **Int.Cl. B60F 3/00 (2006.01)**
[25] EN
[54] **AMPHIBIOUS TRANSPORT SYSTEM**
[54] **SYSTEME DE TRANSPORT AMPHIBIE**
[72] COAST, JOHN BURNETT, US
[72] COAST, JOHN STEWART, US
[71] COAST, JOHN BURNETT, US
[71] COAST, JOHN STEWART, US
[22] 2018-01-03
[41] 2018-07-03
[30] US (62/441,836) 2017-01-03

[21] 2,990,669
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 10/04 (2012.01) G06F 15/18 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DISPATCHING ASSISTANCE TO ROBOTS**
[54] **METHODES ET SYSTEMES DE REPARTITION D'AIDE AUX ROBOTS**
[72] ANDERSON, MATTHEW HENRY, CA
[72] YIP, JESSICA HIL-YIN, CA
[72] KUNG, ANSON YAN SHUN, CA
[72] KHANGURA, RANJIT SINGH, CA
[72] YUEN, ALEXANDER JOSEPH, CA
[72] ADHIKARI, BIKRAM, CA
[71] A&K ROBOTICS INC., CA
[22] 2018-01-02
[41] 2018-07-03
[30] US (62/441,919) 2017-01-03

[21] 2,990,780
[13] A1

[51] **Int.Cl. F03D 7/02 (2006.01)**
[25] EN
[54] **METHODS FOR CONTROLLING WIND TURBINE WITH THRUST CONTROL TWIST COMPENSATION**
[54] **METHODES DE COMMANDE D'EOLIEENNE OFFRANT LA COMPENSATION DE TORSION PAR COMMANDE DE POUSSEE**
[72] PERLEY, THOMAS FRANKLIN, US
[72] FRIC, THOMAS FRANK, US
[72] KOERBER, ARNE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-01-04
[41] 2018-07-04
[30] US (15/397,896) 2017-01-04

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[21] 2,990,789
[13] A1
[51] Int.Cl. E21B 15/00 (2006.01) E21B 41/00 (2006.01) F21V 21/00 (2006.01) F21V 21/14 (2006.01) F21V 21/15 (2006.01)
[25] EN
[54] **METHOD AND APPARATUS FOR ILLUMINATION OF DRILLING RIGS AND SURROUNDING LOCATIONS**
[54] **METHODE ET APPAREIL D'ILLUMINATION D'APPAREILS DE FORAGE ET D'EMPLACEMENTS AVOISINANTS**
[72] CARROLL, CHARLES ALLEN, US
[71] LOCATION ILLUMINATOR TECHNOLOGIES, LLC, US
[22] 2018-01-04
[41] 2018-07-04
[30] US (62/442,023) 2017-01-04
[30] US (15/861,313) 2018-01-03

[21] 2,990,792
[13] A1
[51] Int.Cl. F04D 25/08 (2006.01) B25F 3/00 (2006.01) F04D 29/60 (2006.01)
[25] EN
[54] **INFLATOR**
[54] **DISPOSITIF DE GONFLAGE**
[72] YAKUBOVA, SVEITLANA, US
[72] JERABEK, JESSE J., US
[72] ALTENBURGER, RYAN, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[22] 2018-01-04
[41] 2018-07-04
[30] US (62/442,265) 2017-01-04

[21] 2,990,910
[13] A1
[51] Int.Cl. G06F 21/50 (2013.01)
[25] EN
[54] **DYNAMIC ASSESSMENT AND CONTROL OF SYSTEM ACTIVITY**
[54] **EVALUATION DYNAMIQUE ET CONTROLE D'ACTIVITE DE SYSTEME**
[72] HOLEMAN, RYAN, US
[72] HARTMANN, AL, US
[72] HARRIMAN, JOSH, US
[72] APPLEBAUM, JOSH, US
[71] ZIFTEN TECHNOLOGIES, INC., US
[22] 2018-01-03
[41] 2018-07-04
[30] US (62/442,205) 2017-01-04
[30] US (15/802,074) 2017-11-02

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[54] METHOD FOR ESTABLISHING OF EROSION RESISTANT SURFACE PART ON A WIND TURBINE BLADE, METHOD FOR CREATION OF AN EROSION RESISTANT COATING, WIND TURBINE BLADE WITH RETROFITTED COATINGIN AND AROUND AREAS WHERE THE BLADE IS ESPECIALLY EXPOSED TO EROSION DAMAGES, COATING FOR MOUNTING ON A WIND TURBINE BLADE'S FRONT EDGE

[54] PROCEDE D'ETABLISSEMENT D'UNE PARTIE DE SURFACE RESISTANTE A L'EROSION SUR UNE PALE D'EOLIENNE, PROCEDE DE CREATION D'UN REVETEMENT RESISTANT A L'EROSION, PALE D'EOLIENNE AVEC REVETEMENT MODIFIE DANS ET AUTOUR DE ZONES OU LA PALE EST PARTICULIEREMENT EXPOSEE AUX DOMMAGES DUS A L'EROSION, REVETEMENT POUR MONTAGE SUR UN BORD AVANT DE PALE D'EOLIENNE

[72] TANGAGER, KIM, DK

[71] BLADE REPAIR SOLUTIONS IVS, DK

[85] 2018-06-21

[86] 2016-12-13 (PCT/DK2016/050428)

[87] (WO2017/114528)

[30] DK (PA 2015 70881) 2015-12-28

[21] 3,009,397
[13] A1

[51] Int.Cl. E21B 19/16 (2006.01) E21B 3/02 (2006.01)

[25] EN

[54] CONTINUOUS ROTATION MAKE/BREAK MACHINE

[54] MACHINE D'ETABLISSEMENT/INTERRUPTION DE ROTATION CONTINUE

[72] RICHARDSON, ALLAN STEWART, US

[71] WARRIOR RIG TECHNOLOGIES LIMITED, CA

[85] 2018-06-20

[86] 2017-01-25 (PCT/CA2017/050077)

[87] (WO2017/127924)

[30] US (62/286,904) 2016-01-25

[21] 3,009,398
[13] A1

[51] Int.Cl. E21B 47/12 (2012.01) E21B 47/13 (2012.01) E21B 47/26 (2012.01) E21B 47/18 (2012.01)

[25] EN

[54] MULTI-MODE CONTROL OF DOWNHOLE TOOLS

[54] COMMANDE MULTI-MODE D'OUTILS DE FOND DE Puits

[72] LOGAN, AARON W., CA

[72] LOGAN, JUSTIN C., CA

[72] BUTERNOWSKY, BARRY DANIEL, CA

[72] MCLAWCHLIN, STEVEN D., US

[72] SWITZER, DAVID A., CA

[72] WEST, KURTIS KENNETH LEE, CA

[71] EVOLUTION ENGINEERING INC., CA

[85] 2018-06-20

[86] 2017-01-27 (PCT/CA2017/050089)

[87] (WO2017/127932)

[30] US (62/287,801) 2016-01-27

[21] 3,009,399
[13] A1

[51] Int.Cl. A61B 17/04 (2006.01) A61F 2/24 (2006.01)

[25] EN

[54] MEDICAL SECURING DEVICE FOR SECURING A CARDIAC IMPLANT DEVICE WITH A SECURING MEMBER

[54] DISPOSITIF DE FIXATION MEDICALE DESTINE A FIXER UN DISPOSITIF D'IMPLANT CARDIAQUE AU MOYEN D'UN ELEMENT DE FIXATION

[72] O'CARROLL, GER, FI

[72] DEANE, STUART, FI

[72] O'REGAN, JAKE, FI

[72] ZERKOWSKI, HANS-REINHARD, FI

[72] KERANEN, OLLI, FI

[71] MEDTENTIA INTERNATIONAL LTD OY, FI

[85] 2018-06-20

[86] 2016-08-16 (PCT/FI2016/050563)

[87] (WO2017/109273)

[30] US (62/270,622) 2015-12-22

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[21] 3,009,402
[13] A1

[51] Int.Cl. A24F 47/00 (2006.01) A61M 11/00 (2006.01)

[25] EN

[54] VAPORIZATION
IMPROVEMENTS

[54] AMELIORATIONS DE
VAPORISATION

[72] SHUSTER, GARY STEPHEN, CA

[72] SHUSTER, BRIAN, CA

[71] SHUSTER, GARY STEPHEN, CA

[71] SHUSTER, BRIAN, CA

[85] 2018-06-20

[86] 2017-08-10 (PCT/IB2017/001136)

[87] (WO2018/029536)

[30] US (62/373,185) 2016-08-10

[30] US (62/377,001) 2016-08-19

[30] US (62/384,658) 2016-09-07

[21] 3,009,415
[13] A1

[51] Int.Cl. F16L 13/14 (2006.01) F16L 33/22 (2006.01) F16L 47/22 (2006.01)

[25] EN

[54] CONNECTING ELEMENT AND
PIPE CONNECTION COMPRISING
THE SAME

[54] ELEMENT DE RACCORDEMENT
ET RACCORD DE TUYAU
COMPRENANT CELUI-CI

[72] HUNDESHAGEN, DORTE, DE

[72] SCHAAF, THOMAS, DE

[72] HOMBURG, HANSI, DE

[72] VOCKS, OLIVER, DE

[72] KIRCHBERGER, ANDREAS, DE

[71] REHAU AG + CO, DE

[71] REHAU CONSTRUCTION LLC., US

[85] 2018-06-21

[86] 2016-12-19 (PCT/EP2016/002130)

[87] (WO2017/108169)

[30] DE (20 2015 106 954.5) 2015-12-21

[21] 3,009,440
[13] A1

[51] Int.Cl. A01B 75/00 (2006.01)

[25] FR

[54] FARM VEHICLE

[54] ENGIN AGRICOLE

[72] LACROUTS-CAZENAVE, IVAN, FR

[72] LACROUTS-CAZENAVE, FLORE,
FR

[71] TOUTI TERRE, FR

[85] 2018-06-21

[86] 2016-02-11 (PCT/FR2016/050316)

[87] (WO2016/128685)

[30] FR (1551174) 2015-02-13

[21] 3,009,454
[13] A1

[51] Int.Cl. B29C 67/00 (2017.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01)

[25] EN

[54] BUILDING WITH CYLINDRICAL
LAYERS IN ADDITIVE
MANUFACTURING

[54] CONSTRUCTION AVEC DES
COUCHES CYLINDRIQUES EN
FABRICATION ADDITIVE

[72] STELTER, ERIC CARL., US

[72] CHILLSCYZN, STEVEN A., US

[72] GOETZKE, JEROME, US

[71] EVOLVE ADDITIVE SOLUTIONS,
INC., US

[85] 2018-06-06

[86] 2016-12-29 (PCT/US2016/069179)

[87] (WO2017/117380)

[30] US (62/273,873) 2015-12-31

[30] US (62/273,903) 2015-12-31

[30] US (62/273,910) 2015-12-31

[21] 3,009,479
[13] A1

[51] Int.Cl. F16L 13/14 (2006.01) F16L 33/22 (2006.01) F16L 47/22 (2006.01)

[25] EN

[54] PIPE CONNECTION

[54] JONCTION DE TUYAUX

[72] HUNDESHAGEN, DORTE, DE

[72] SCHAAF, THOMAS, DE

[72] HOMBURG, HANSI, DE

[72] VOCKS, OLIVER, DE

[72] KIRCHBERGER, ANDREAS, DE

[71] REHAU AG + CO, DE

[71] REHAU CONSTRUCTION LLC., US

[85] 2018-06-21

[86] 2016-12-19 (PCT/EP2016/002131)

[87] (WO2017/108170)

[30] DE (20 2015 106 955.3) 2015-12-21

[21] 3,009,493
[13] A1

[51] Int.Cl. G06K 7/10 (2006.01) H01Q 5/378 (2015.01) H01Q 1/22 (2006.01) H01Q 7/00 (2006.01)

[25] FR

[54] TRAVEL-CARD READER,
ASSOCIATED DEVICE AND
INSTALLATION

[54] LECTEUR DE BILLETTE,
EQUIPEMENT ET
INSTALLATION DE
BILLETTE ASSOCIES

[72] WEBER, JEAN-LOUIS, FR

[71] REVENUE COLLECTION SYSTEMS
FRANCE SAS, FR

[85] 2018-06-21

[86] 2016-12-23 (PCT/EP2016/082640)

[87] (WO2017/109216)

[30] EP (15290332.4) 2015-12-24

[21] 3,009,500
[13] A1

[51] Int.Cl. B29C 47/02 (2006.01) E01B 3/10 (2006.01) E01B 3/46 (2006.01) E04H 12/02 (2006.01) E04H 12/04 (2006.01) E04H 17/20 (2006.01)

[25] EN

[54] CONSTRUCTION ELEMENT
WITH PROTECTIVE COATING
[54] ELEMENT DE CONSTRUCTION
POURVU D'UN REVETEMENT
PROTECTEUR

[72] TRAGETHON, STEINAR, NO

[71] HALLINGPLAST AS, NO

[85] 2018-06-21

[86] 2015-12-22 (PCT/NO2015/050259)

[87] (WO2016/105209)

[30] NO (20141551) 2014-12-22

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[13] A1

[51] Int.Cl. G02B 5/20 (2006.01) F21V 9/00 (2018.01)

[25] EN

[54] COMPOSITE MATERIAL FOR LIGHTING FILTERING, LIGHTING APPARATUS, AND METHOD FOR DETERMINING DOPING CONCENTRATION OR THICKNESS OF COMPOSITE MATERIAL

[54] MATERIAU COMPOSITE POUR FILTRAGE D'ECLAIRAGE, APPAREIL D'ECLAIRAGE ET PROCEDE DE DETERMINATION DE LA CONCENTRATION DE DOPAGE OU DE L'EPaisseur D'UN MATERIAU COMPOSITE

[72] BENNER, KEVIN, US
[72] YI, QING, CN
[72] WANG, ZHIYONG, CN
[72] HE, JIANMIN, US
[72] ZHOU, HUIHENG, CN
[72] LI, JIAN, CN
[72] CAI, DENGKE, US
[72] CLYNNE, THOMAS, US
[72] BOYLE, THOMAS, US
[71] GE LIGHTING SOLUTIONS, LLC, US
[85] 2018-06-21
[86] 2016-12-29 (PCT/US2016/069236)
[87] (WO2017/117403)
[30] CN (201511015919.9) 2015-12-29

[21] 3,009,504
[13] A1

[51] Int.Cl. A23C 9/12 (2006.01) A23C 9/123 (2006.01) A23C 11/10 (2006.01)

[25] EN

[54] USE OF A LACTASE IN THE PREPARATION OF A STRAINED FERMENTED DAIRY PRODUCT

[54] UTILISATION D'UNE LACTASE DANS LA PREPARATION D'UN PRODUIT LAITIER FERMENTE A SOUCHES

[72] MCCORMICK, CASEY, US
[71] THE DANNON COMPANY, INC., US
[85] 2018-06-21
[86] 2016-12-22 (PCT/US2016/068368)
[87] (WO2017/112883)
[30] US (62/387,392) 2015-12-24
[30] US (62/387,391) 2015-12-24
[30] US (62/387,393) 2015-12-24
[30] US (62/387,416) 2015-12-24

[21] 3,009,506
[13] A1

[51] Int.Cl. A61K 38/26 (2006.01) A61K 38/38 (2006.01) A61P 25/28 (2006.01)

[25] EN

[54] LONG-ACTING GLP-1R AGONIST AS A THERAPY OF NEUROLOGICAL AND NEURODEGENERATIVE CONDITIONS

[54] AGONISTE DE GLP-1R A ACTION PROLONGEE POUR LA THERAPIE DE TROUBLES NEUROLOGIQUES ET NEURODEGENERATIFS

[72] LEE, SEULKI, US
[72] DAWSON, TED M., US
[72] KO, HAN SEOK, US
[72] DAWSON, VALINA L., US
[72] YUN, SEUNG PIL, US
[72] SCULLY, MAGDALENA, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2018-06-21
[86] 2016-12-22 (PCT/US2016/068378)
[87] (WO2017/112889)
[30] US (62/387,319) 2015-12-23

[21] 3,009,509
[13] A1

[51] Int.Cl. C12N 5/0793 (2010.01)

[25] EN

[54] CELL-BASED TREATMENT AND DRUG DISCOVERY IN HIRSCHSPRUNG'S DISEASE ENABLED BY PLURIPOTENT STEM CELL-DERIVED HUMAN ENTERIC NEURAL CREST LINEAGES

[54] THERAPIE CELLULAIRE ET DECOUVERTE DE MEDICAMENTS BASEES SUR DES LIGNEES CELLULAIRES ISSUES DE LA CRETE NEURALE ENTERIQUE HUMAINE DERIVEE DE CELLULES SOUCHES PLURIPOTENTES

[72] STUDER, LORENZ, US
[72] FATTAHI, FARANAK, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2018-06-21
[86] 2016-12-22 (PCT/US2016/068430)
[87] (WO2017/112901)
[30] US (62/387,468) 2015-12-23

[21] 3,009,519
[13] A1

[51] Int.Cl. F04D 13/06 (2006.01) E21B 43/12 (2006.01) F04D 13/08 (2006.01) F04D 13/10 (2006.01) F04D 29/10 (2006.01) H02K 16/02 (2006.01)

[25] EN

[54] ELECTROMAGNETIC COUPLING FOR ESP MOTOR

[54] COUPLAGE ELECTROMAGNETIQUE POUR MOTEUR DE POMPE ELECTRIQUE SUBMERSIBLE

[72] MARVEL, ROBERT LEE, US
[72] GARCIA, RENE JOSE, US
[71] GE OIL & GAS ESP, INC., US
[85] 2018-06-21
[86] 2016-12-30 (PCT/US2016/069367)
[87] (WO2017/117479)
[30] US (62/272,674) 2015-12-30
[30] US (15/392,416) 2016-12-28

[21] 3,009,522
[13] A1

[51] Int.Cl. C07J 1/00 (2006.01) A61K 31/565 (2006.01) A61K 31/567 (2006.01) A61K 31/58 (2006.01) C07J 31/00 (2006.01) C07J 33/00 (2006.01) C07J 41/00 (2006.01) C07J 43/00 (2006.01) C07J 51/00 (2006.01)

[25] EN

[54] INHIBITORS OF GLUCOCORTICOID RECEPTOR

[54] INHIBITEURS DE RECEPTEURS GLUCOCORTICOIDES

[72] SUN, DAQING, US
[72] MCGEE, LAWRENCE R., US
[72] DU, XIAOHUI, US
[72] ZHU, LIUSHENG, US
[72] YAN, XUEJIE, US
[72] REW, YOSUP, US
[72] EKSTEROWICZ, JOHN, US
[72] MEDINA, JULIO C., US
[72] ZHOU, HAIYING, US
[72] BALBAS, MINNA DELARAE, US
[72] FANTIN, VALERIA R., US
[71] ORIC PHARMACEUTICALS, INC., US
[85] 2018-06-21
[86] 2016-12-22 (PCT/US2016/068431)
[87] (WO2017/112902)
[30] US (62/387,282) 2015-12-23

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[13] A1
[51] Int.Cl. C07J 1/00 (2006.01) A61K 31/565 (2006.01) A61K 31/567 (2006.01) A61K 31/58 (2006.01) C07J 41/00 (2006.01) C07J 43/00 (2006.01) C07J 51/00 (2006.01)
[25] EN
[54] INHIBITORS OF
GLUCOCORTICOID RECEPTOR
[54] INHIBITEURS DE RECEPTEURS
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[72] SUN, DAQING, US
[72] MCGEE, LAWRENCE R., US
[72] DU, XIAOHUI, US
[72] ZHU, LIUSHENG, US
[72] YAN, XUELEI, US
[72] REW, YOSUP, US
[72] EKSTEROWICZ, JOHN, US
[72] MEDINA, JULIO C., US
[72] ZHOU, HAIYING, US
[72] BALBAS, MINNA DELARAE, US
[72] FANTIN, VALERIA R., US
[71] ORIC PHARMACEUTICALS, INC., US
[85] 2018-06-21
[86] 2016-12-22 (PCT/US2016/068448)
[87] (WO2017/112909)
[30] US (62/387,293) 2015-12-23

[21] 3,009,527
[13] A1
[51] Int.Cl. A61K 31/4709 (2006.01) A61K 31/47 (2006.01) A61P 25/16 (2006.01)
[25] EN
[54] METHODS OF TREATING
CANCER
[54] METHODES DE TRAITEMENT DU
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[72] WILLINGHAM, STEPHEN, US
[72] MILLER, RICHARD A., US
[72] HO, PO Y., US
[72] MCCAFFERY, IAN, US
[72] HOTSON, ANDREW, US
[71] CORVUS PHARMACEUTICALS, INC., US
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[87] (WO2017/112917)
[30] US (62/387,383) 2015-12-24
[30] US (62/324,211) 2016-04-18
[30] US (62/350,602) 2016-06-15
[30] US (62/421,109) 2016-11-11
[30] US (62/421,171) 2016-11-11

[21] 3,009,528
[13] A1
[51] Int.Cl. F23G 7/08 (2006.01) F23L 7/00 (2006.01) F23L 17/16 (2006.01)
[25] EN
[54] STAGED STEAM INJECTION
SYSTEM
[54] SYSTEME D'INJECTION DE
VAPEUR ETAGE
[72] BUSSMAN, WESLEY RYAN, US
[72] FRANKLIN, JAMES CHARLES, US
[72] KNOTT, DENNIS LEE, US
[72] WHITE, JEFF WILLIAM, US
[71] JOHN ZINK COMPANY, LLC, US
[85] 2018-06-21
[86] 2016-12-23 (PCT/US2016/068510)
[87] (WO2017/112927)
[30] US (62/387,147) 2015-12-23
[30] US (62/343,342) 2016-05-31
[30] US (62/343,362) 2016-05-31

[21] 3,009,531
[13] A1
[51] Int.Cl. C07K 5/078 (2006.01) C07D 285/135 (2006.01) C07K 5/062 (2006.01)
[25] EN
[54] CFTR REGULATORS AND
METHODS OF USE THEREOF
[54] REGULATEUR CFTR ET LEURS
METHODES D'UTILISATION
[72] VERKMAN, ALAN, US
[72] LEVIN, MARC H., US
[72] CIL, ONUR, US
[71] THE REGENTS OF THE
UNIVERSITY OF CALIFORNIA, US
[85] 2018-06-21
[86] 2016-12-23 (PCT/US2016/068561)
[87] (WO2017/112947)
[30] US (62/387,591) 2015-12-24

[21] 3,009,532
[13] A1
[51] Int.Cl. C04B 7/42 (2006.01) C04B 22/10 (2006.01) C04B 24/10 (2006.01)
[25] EN
[54] ACCELERATOR FOR
HYDRAULIC COMPOSITION
[54] ACCELERATEUR POUR
COMPOSITION HYDRAULIQUE
[72] ARCHER, MICHAEL SCOTT, AU
[72] HYWEIL-EVANS, PAUL DUNCAN, AU
[71] FINE POWDER TECHNOLOGIES
PTY LTD, AU
[85] 2018-06-22
[86] 2016-12-22 (PCT/AU2016/051271)
[87] (WO2017/106920)
[30] AU (2015905358) 2015-12-23
[30] AU (2015905359) 2015-12-23
[30] AU (2016904374) 2016-10-27

[21] 3,009,534
[13] A1
[51] Int.Cl. C07D 403/04 (2006.01) C07D 401/04 (2006.01) C07D 405/04 (2006.01)
[25] EN
[54] CFTR REGULATORS AND
METHODS OF USE THEREOF
[54] REGULATEURS CFTR ET
METHODES POUR LES UTILISER
[72] VERKMAN, ALAN, US
[72] LEVIN, MARC H., US
[72] CIL, ONUR, US
[72] KURTH, MARK J., US
[71] THE REGENTS OF THE
UNIVERSITY OF CALIFORNIA, US
[85] 2018-06-21
[86] 2016-12-23 (PCT/US2016/068566)
[87] (WO2017/112950)
[30] US (62/387,579) 2015-12-24
[30] US (62/376,808) 2016-08-18

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[13] A1

[51] **Int.Cl. H01Q 21/00 (2006.01)**
[25] EN
[54] **COMMUNICATIONS APPARATUS AND WIRELESS COMMUNICATIONS DEVICES TECHNICAL FIELD**
[54] **APPAREIL DE COMMUNICATION ET DISPOSITIF DE COMMUNICATION SANS FIL**
[72] YUAN, PENG, CN
[72] ZHANG, HUAFENG, CN
[72] LUO, YUEHUA, CN
[72] JIA, SHIJUAN, CN
[71] HUAWAI TECHNOLOGIES CO., LTD., CN
[85] 2018-06-22
[86] 2015-12-22 (PCT/CN2015/098307)
[87] (WO2017/107063)

[21] 3,009,565
[13] A1

[51] **Int.Cl. F03G 3/00 (2006.01) F03G 7/10 (2006.01) F16C 3/22 (2006.01) F16H 33/20 (2006.01)**
[25] EN
[54] **MACHINE GENERATING CENTRIFUGAL FORCES FROM ECCENTRICS WITH VARIABLE RADIUS**
[54] **MACHINE PRODUISANT DES FORCES CENTRIFUGES A PARTIR D'EXCENTRIQUES A RAYON VARIABLE**
[72] JEBARI, JAMIEL, FR
[71] JEBARI, JAMIEL, FR
[85] 2018-06-22
[86] 2015-12-22 (PCT/CA2015/000614)
[87] (WO2016/101062)
[30] CA (2,876,220) 2014-12-22

[21] 3,009,566
[13] A1

[51] **Int.Cl. B01D 53/00 (2006.01) B01D 53/22 (2006.01) C10L 3/10 (2006.01) F25J 3/02 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING BIOMETHANE BY PURIFYING BIOGAS FROM NON-HAZARDOUS WASTE STORAGE FACILITIES AND FACILITY FOR IMPLEMENTING THE METHOD**
[54] **PROCEDE DE PRODUCTION DE BIOMETHANE PAR EPURATION DE BIOGAZ ISSU D'INSTALLATIONS DE STOCKAGE DE DECHETS NON-DANGEREUX (ISDND) ET INSTALLATION POUR LA MISE EN OEUVRE DU PROCEDE**
[72] PRINCE, GUENAEI, FR
[72] LEFEBVRE, MATHIEU, FR
[72] BRIEND, PIERRE, FR
[72] PAGET, NICOLAS, FR
[71] WAGA ENERGY, FR
[85] 2018-06-22
[86] 2016-11-10 (PCT/FR2016/052937)
[87] (WO2017/109305)
[30] FR (1563357) 2015-12-24

[21] 3,009,567
[13] A1

[51] **Int.Cl. G06F 21/30 (2013.01)**
[25] EN
[54] **CLIENT APPARATUS, SERVER APPARATUS AND ACCESS CONTROL SYSTEM FOR AUTHORIZED ACCESS**
[54] **APPAREIL CLIENT, APPAREIL SERVEUR ET SYSTEME DE CONTROLE D'ACCES POUR UN ACCES AUTORISE**
[72] ZHANG, ZHIHUI, CN
[71] SONY CORPORATION, JP
[85] 2018-06-22
[86] 2016-12-23 (PCT/CN2016/111725)
[87] (WO2017/107976)
[30] CN (201510977455.3) 2015-12-23

[21] 3,009,568
[13] A1

[51] **Int.Cl. B63G 8/16 (2006.01) B63H 3/00 (2006.01) B63H 5/10 (2006.01) B63H 25/42 (2006.01)**
[25] FR
[54] **PROCEDE DE PILOTAGE D'UN PROPULSEUR D'UN VEHICULE MARIN**
[54] **MARINE VEHICLE THRUSTER CONTROL METHOD**
[72] BOREL, CHRISTOPHE, FR
[72] BRUNET, JEAN-PHILIPPE, FR
[72] THECKES, BENOIT, FR
[72] BOUYER, CYRIL, FR
[71] THALES, FR
[85] 2018-06-22
[86] 2016-12-22 (PCT/EP2016/082505)
[87] (WO2017/109148)
[30] FR (1502683) 2015-12-23

[21] 3,009,569
[13] A1

[51] **Int.Cl. C12N 9/52 (2006.01)**
[25] EN
[54] **COMPOSITION AND USES THEREOF**
[54] **COMPOSITION ET UTILISATIONS ASSOCIEES**
[72] MCMAHON, HILARY, IE
[72] O'SULLIVAN, REGINA, IE
[72] HERRERO, ANA, IE
[71] UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN, IE
[85] 2018-06-22
[86] 2016-12-23 (PCT/EP2016/082557)
[87] (WO2017/109170)
[30] GB (1522814.1) 2015-12-23

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[21] 3,009,570
[13] A1
[51] Int.Cl. H03M 13/13 (2006.01)
[25] EN
[54] GENERATION OF POLAR CODES WITH A VARIABLE BLOCK LENGTH UTILIZING PUNCTURING
[54] GENERATION DE CODES POLAIRES A LONGUEUR DE BLOC VARIABLE PAR PERFORATION
[72] XU, CHIANGLONG, US
[72] LI, JIAN, US
[72] HOU, JILEI, US
[72] WANG, NENG, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-06-22
[86] 2016-08-17 (PCT/CN2016/095661)
[87] (WO2017/128700)
[30] CN (PCT/CN2016/071959) 2016-01-25

[21] 3,009,571
[13] A1
[51] Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61F 13/06 (2006.01) A61F 13/08 (2006.01) D04B 21/16 (2006.01)
[25] EN
[54] COMPRESSION DRESSING
[54] BANDAGE DE COMPRESSION
[72] LUDWIG, UWE, DE
[72] TAMOUÉ, FERDINAND, DE
[72] MEISTER, MARITA, DE
[71] KARL OTTO BRAUN GMBH & CO. KG, DE
[85] 2018-06-22
[86] 2016-12-23 (PCT/EP2016/082626)
[87] (WO2017/109209)
[30] DE (10 2015 226 706.7) 2015-12-23

[21] 3,009,572
[13] A1
[51] Int.Cl. A61F 13/02 (2006.01) A61F 7/10 (2006.01) A61L 15/12 (2006.01) A61F 13/00 (2006.01)
[25] EN
[54] BANDAGE
[54] BANDAGE
[72] LANGEN, GUENTER, DE
[71] KARL OTTO BRAUN GMBH & CO. KG, DE
[85] 2018-06-22
[86] 2016-12-23 (PCT/EP2016/082627)
[87] (WO2017/109210)
[30] DE (10 2015 226 645.1) 2015-12-23

[21] 3,009,573
[13] A1
[51] Int.Cl. C07D 277/06 (2006.01) A61K 31/426 (2006.01) A61K 45/06 (2006.01) A61P 15/00 (2006.01) A61P 15/06 (2006.01)
[25] EN
[54] ALPHA-AMINO ESTERS OF HYDROXYPROPYLTHIAZOLIDINE CARBOXAMIDE DERIVATIVE AND SALT FORM, CRYSTAL POLYMORPH THEREOF
[54] ALPHA-AMINO ESTERS DE DERIVE D'HYDROXYPROPYLTHIAZOLIDINE CARBOXAMIDE, SEL ET FORME CRISTALLINE POLYMORPHIE CORRESPONDANTS
[72] NAXOS PAGE, PATRICK, CH
[72] SCHWARZ, MATTHIAS, CH
[72] JORAND-LEBRUN, CATHERINE, FR
[72] QUATTROPANI, ANNA, CH
[72] POMEL, VINCENT, FR
[72] LOUMAYE, ERNEST, CH
[72] POHL, OLIVER, CH
[72] GOTTELAND, JEAN-PIERRE, CH
[71] OBSEVA S.A., CH
[85] 2018-06-22
[86] 2017-01-04 (PCT/EP2017/050099)
[87] (WO2017/118639)
[30] US (14/987,586) 2016-01-04
[30] US (62/274,674) 2016-01-04
[30] US (62/395,664) 2016-09-16
[30] US (62/407,918) 2016-10-13

[21] 3,009,574
[13] A1
[51] Int.Cl. B05D 3/06 (2006.01) B29D 35/12 (2010.01) B29D 35/14 (2010.01) A43B 23/02 (2006.01) B05D 1/00 (2006.01) B05D 1/02 (2006.01) B05D 1/26 (2006.01) B29C 41/08 (2006.01) C08F 2/48 (2006.01) C09D 175/14 (2006.01) C09D 175/16 (2006.01)
[25] EN
[54] THREE DIMENSIONAL DEPOSITION METHOD TO CREATE LAYERS OF POLYMERIC MATERIAL ONTO AN OBJECT
[54] PROCEDE DE DEPOT TRIDIMENSIONNEL PERMETTANT DE CREER DES COUCHES DE MATERIAU POLYMERES SUR UN OBJET
[72] GIANNINI, GIACOMO, BE
[72] VAN DYCK, JOHAN, BE
[72] VAN LOOY, KEVIN, BE
[72] VERBEKE, HUGO, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2018-06-22
[86] 2017-01-04 (PCT/EP2017/050115)
[87] (WO2017/133855)
[30] EP (16154276.6) 2016-02-04

[21] 3,009,575
[13] A1
[51] Int.Cl. H04L 1/18 (2006.01)
[25] EN
[54] FEEDBACK FOR DATA BLOCK TRANSMISSION
[54] RETROACTION EN REPONSE A LA TRANSMISSION D'UN BLOC DE DONNEES
[72] NADER, ALI, SE
[72] RATHONYI, BELA, SE
[72] STATTIN, MAGNUS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL.), SE
[85] 2018-06-22
[86] 2017-01-10 (PCT/EP2017/050369)
[87] (WO2017/121708)
[30] US (62/277242) 2016-01-11

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[21] 3,009,576
[13] A1

[51] **Int.Cl. C07D 277/06 (2006.01) A61K 31/426 (2006.01) A61K 45/06 (2006.01) A61P 15/00 (2006.01) A61P 15/06 (2006.01)**

[25] EN

[54] **L-VALINATE OF HYDROXYPROPYLTHIAZOLIDINE CARBOXAMIDE DERIVATIVE AND SALT FORM, CRYSTAL POLYMORPH THEREOF**

[54] **L-VALINATE D'UN DERIVE D'HYDROXYPROPYLTHIAZOLIDINE CARBOXAMIDE, SEL ET FORME CRISTALLINE POLYMORPHIE**

CORRESPONDANTS

[72] NAXOS PAGE, PATRICK, CH
[72] SCHWARZ, MATTHIAS, CH
[72] JORAND-LEBRUN, CATHERINE, FR
[72] QUATTROPANI, ANNA, CH
[72] POMEI, VINCENT, FR
[71] MERCK SERONO S.A., CH
[85] 2018-06-22
[86] 2017-01-04 (PCT/EP2017/050101)
[87] (WO2017/118641)
[30] US (14/987,586) 2016-01-04
[30] US (62/274,674) 2016-01-04
[30] US (62/395,664) 2016-09-16
[30] US (62/407,918) 2016-10-13

[21] 3,009,577
[13] A1

[51] **Int.Cl. B65D 81/34 (2006.01)**

[25] EN

[54] **BAG FOR COOKING CORN GRAINS IN A MICROWAVE**

[54] **SAC POUR LA CUISSON DE GRAINS DE MAIS AU MICRO-ONDES**

[72] GALCERAN MARTORELL, CARLOS, ES
[71] DODE, S.A., ES
[85] 2018-06-22
[86] 2015-12-23 (PCT/ES2015/070949)
[87] (WO2017/109237)

[21] 3,009,578
[13] A1

[51] **Int.Cl. E21B 33/06 (2006.01) E21B 33/12 (2006.01) E21B 33/128 (2006.01)**

[25] EN

[54] **EXPANDING AND COLLAPSING APPARATUS AND METHODS OF USE**

[54] **APPAREIL DE DEPLOIEMENT ET DE PLIAGE ET PROCEDES D'UTILISATION**

[72] BROWN, GARETH EDWARD GEORGE, GB
[71] PEAK WELL SYSTEMS PTY LTD, AU
[71] PEAK WELL SYSTEMS LIMITED, AU
[85] 2018-06-22
[86] 2016-12-23 (PCT/GB2016/054064)
[87] (WO2017/109508)
[30] GB (1522731.7) 2015-12-23
[30] GB (1522725.9) 2015-12-23

[21] 3,009,579
[13] A1

[51] **Int.Cl. D21H 17/45 (2006.01) C08F 2/06 (2006.01) C08F 20/12 (2006.01) C08F 212/08 (2006.01) C08F 220/34 (2006.01) C08F 257/02 (2006.01) C08L 25/08 (2006.01) C08L 33/06 (2006.01) C09D 125/08 (2006.01) C09D 133/06 (2006.01) D21H 21/16 (2006.01)**

[25] EN

[54] **CATIONIC SURFACE SIZING AGENT**

[54] **AGENT D'ENCOLLAGES DE SURFACE CATIONIQUE**

[72] LEPO, ANNE, FI
[72] TURUNEN, ELSI, FI
[71] KEMIRA OYJ, FI
[85] 2018-06-22
[86] 2016-12-28 (PCT/FI2016/050931)
[87] (WO2017/115012)
[30] FI (20156045) 2015-12-31

[21] 3,009,580
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/128 (2006.01)**

[25] EN

[54] **EXPANDING AND COLLAPSING APPARATUS AND METHODS OF USE**

[54] **APPAREIL A DEPLOIEMENT ET RESSEERREMENT ET PROCEDES D'UTILISATION**

[72] BROWN, GARETH EDWARD GEORGE, GB
[71] PEAK WELL SYSTEMS PTY LTD, AU
[71] PEAK WELL SYSTEMS LIMITED, AU
[85] 2018-06-22
[86] 2016-12-23 (PCT/GB2016/054065)
[87] (WO2017/109509)
[30] GB (1522725.9) 2015-12-23
[30] GB (1522741.6) 2015-12-23

[21] 3,009,581
[13] A1

[51] **Int.Cl. C10J 3/00 (2006.01) B01J 3/00 (2006.01) C10B 53/00 (2006.01) C10J 3/72 (2006.01)**

[25] EN

[54] **ARRANGEMENT AND METHOD FOR PREPARING A GAS**

[54] **AGENCEMENT ET PROCEDE DE PREPARATION D'UN GAZ**

[72] KARVONEN, TEUVO, FI
[71] FORESTGAS OY, FI
[85] 2018-06-22
[86] 2016-12-30 (PCT/FI2016/050939)
[87] (WO2017/115019)
[30] FI (20156029) 2015-12-30

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[21] 3,009,582
[13] A1
[51] Int.Cl. E21B 10/32 (2006.01)
[25] EN
[54] DOWNHOLE APPARATUS AND METHODS OF USE
[54] APPAREIL EN PROFONDEUR DE TROU ET PROCEDES D'UTILISATION
[72] BROWN, GARETH EDWARD GEORGE, GB
[71] PEAK WELL SYSTEMS PTY LTD, AU
[71] PEAK WELL SYSTEMS LIMITED, AU
[85] 2018-06-22
[86] 2016-12-23 (PCT/GB2016/054066)
[87] (WO2017/109510)
[30] GB (1522746.5) 2015-12-23
[30] GB (1522725.9) 2015-12-23

[21] 3,009,583
[13] A1
[51] Int.Cl. A61K 31/616 (2006.01) A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 47/14 (2017.01) A61P 9/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)
[25] EN
[54] SALICYLATE COMPOUND COMPOSITION
[54] COMPOSITION DE COMPOSE SALICYLATE
[72] COHEN, SIMON JASON, GB
[72] HURST, CRAIG, GB
[71] INNOVATE PHARMACEUTICALS LIMITED, GB
[85] 2018-06-22
[86] 2015-12-22 (PCT/GB2015/054129)
[87] (WO2016/102959)
[30] GB (1423109.6) 2014-12-23
[30] GB (1514012.2) 2015-08-07

[21] 3,009,584
[13] A1
[51] Int.Cl. F16D 13/16 (2006.01) F16D 1/093 (2006.01) F16D 49/18 (2006.01)
[25] EN
[54] TORQUE TRANSFER APPARATUS AND METHODS OF USE
[54] APPAREIL DE TRANSFERT DE COUPLE ET PROCEDES D'UTILISATION
[72] BROWN, GARETH EDWARD GEORGE, GB
[71] PEAK WELL SYSTEMS PTY LTD, AU
[71] PEAK WELL SYSTEMS LIMITED, AU
[85] 2018-06-22
[86] 2016-12-23 (PCT/GB2016/054067)
[87] (WO2017/109511)
[30] GB (1522751.5) 2015-12-23
[30] GB (1522725.9) 2015-12-23

[21] 3,009,585
[13] A1
[51] Int.Cl. C08F 2/22 (2006.01) C08L 39/04 (2006.01) C08L 39/06 (2006.01)
[25] EN
[54] A PROCESS FOR OBTAINING A CATIONIC POLYMER WITH AN AT LEAST BIMODAL MOLECULAR WEIGHT DISTRIBUTION
[54] PROCEDE D'OBTENTION D'UN POLYMERE CATIONIQUE PRESENTANT UNE DISTRIBUTION AU MOINS BIMODALE DES POIDS MOLECULAIRES
[72] LEYRER, RHEINHOLD J., DE
[72] FONSECA, GLEDISON, DE
[72] FLORES-FIGUEROA, AARON, DE
[72] BOYKO, VOLODYMYR, DE
[72] DYKSTRA, ROBERT RICHARD, US
[72] SIVIK, MARK ROBERT, US
[71] BASF SE, DE
[85] 2018-06-22
[86] 2017-01-16 (PCT/EP2017/050829)
[87] (WO2017/129434)
[30] EP (16152590.2) 2016-01-25

[21] 3,009,586
[13] A1
[51] Int.Cl. E05F 15/53 (2015.01) E05F 15/70 (2015.01) E01F 13/06 (2006.01)
[25] EN
[54] AUTOMATIC PNEUMATICALLY-ACTUATED GATE AND LATCH OPENER
[54] PORTILLON AUTOMATIQUE A ACTIONNEMENT PNEUMATIQUE ET DISPOSITIF D'OUVERTURE DE VERROU
[72] GALL, LINDSAY (DECEASED), CA
[71] THE ESTATE OF LINDSAY GALL, AS REPRESENTED BY THE PUBLIC GUARDIAN AND TRUSTEE OF BRITISH COLUMBIA, CA
[85] 2018-06-22
[86] 2015-12-22 (PCT/IB2015/059894)
[87] (WO2016/103186)
[30] US (62/095,126) 2014-12-22

[21] 3,009,587
[13] A1
[51] Int.Cl. A61M 15/06 (2006.01) A24F 47/00 (2006.01) G06F 3/01 (2006.01)
[25] EN
[54] VISUALISATION SYSTEM AND METHOD FOR ELECTRONIC VAPOUR PROVISION SYSTEMS
[54] SYSTEME ET PROCEDE DE VISUALISATION POUR SYSTEMES ELECTRONIQUES DE DISTRIBUTION DE VAPEUR
[72] AZZOPARDI, ANNA, GB
[72] SPENCER, ALFRED VINCENT, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2018-06-22
[86] 2016-12-09 (PCT/GB2016/053874)
[87] (WO2017/121979)
[30] GB (1600539.9) 2016-01-12

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[13] A1

[51] **Int.Cl. H02G 7/18 (2006.01) G02B 6/44 (2006.01)**
[25] EN
[54] **A MECHANICAL FUSE FOR USE WITH OVERHEAD TELECOMMUNICATIONS CABLE**
[54] **FUSIBLE MECANIQUE A UTILISER AVEC UN CABLE DE TELECOMMUNICATIONS AERIEN**
[72] BAKER, JAMES C, GB
[72] NAYLOR, MARK, GB
[71] AFL GLOBAL, GB
[85] 2018-06-22
[86] 2016-12-23 (PCT/GB2016/054073)
[87] (WO2017/109517)
[30] GB (1522823.2) 2015-12-23

[21] **3,009,589**
[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/128 (2006.01)**
[25] EN
[54] **EXPANDING AND COLLAPSING APPARATUS AND METHODS OF USE**
[54] **APPAREIL D'EXTENSION ET D'AFFAISSEMENT ET PROCEDES D'UTILISATION**
[72] BROWN, GARETH EDWARD GEORGE, GB
[71] PEAK WELL SYSTEMS PTY LTD, AU
[71] PEAK WELL SYSTEMS LIMITED, AU
[85] 2018-06-22
[86] 2016-12-23 (PCT/GB2016/054058)
[87] (WO2017/109506)
[30] GB (1522725.9) 2015-12-23

[21] **3,009,590**
[13] A1

[51] **Int.Cl. C07K 14/415 (2006.01) A24B 3/00 (2006.01) A24F 47/00 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **METHOD FOR MODIFYING LATERAL BUDDING**
[54] **PROCEDE DE MODIFICATION DU BOURGEONNEMENT LATERAL**
[72] LEACH, GWENDOLINE, GB
[72] TAMBURRINO, JUAN PABLO SANCHEZ, GB
[72] HUMPHRY, MATTHEW EDWARD, GB
[72] DESLATTES MAYS, ANNE, NL
[72] MUNKVOLD, JESSE DAVID, NL
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2018-06-22
[86] 2017-01-12 (PCT/GB2017/050069)
[87] (WO2017/122012)
[30] GB (1600751.0) 2016-01-15
[30] GB (1601040.7) 2016-01-20

[21] **3,009,591**
[13] A1

[51] **Int.Cl. G06Q 20/04 (2012.01) G06Q 40/06 (2012.01)**
[25] EN
[54] **CONTINUOUS FLOW PAYMENTS**
[54] **PAIEMENTS DE FLUX CONTINUUS**
[72] NEUSTIFTER, MANFRED, US
[71] NEUSTIFTER, MANFRED, US
[85] 2018-06-22
[86] 2015-12-22 (PCT/IB2015/059903)
[87] (WO2016/103194)
[30] US (62/095,513) 2014-12-22

[21] **3,009,592**
[13] A1

[51] **Int.Cl. C07D 275/06 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING 1,1,3-TRIOXO-1,2-BENZOTHAZOLE-6-CARBOXAMIDE**
[54] **PROCEDE DE PREPARATION DE 1,1,3-TRIOXO-1,2-BENZOTHAZOLE-6-CARBOXAMIDE**
[72] PILLAJ, BIJUKUMAR GOPINATHAN, IN
[72] MIRILASHVILI, SIMA, IL
[72] BARDA, YANIV, IL
[72] HAMIRANI, BHAVINKUMAR P., IN
[72] MEKA, BHOOPAL, IN
[72] MANNAM, SREEDevi, IN
[71] ADAMA AGAN LTD., IL
[85] 2018-06-22
[86] 2016-12-28 (PCT/IB2016/001927)
[87] (WO2017/115137)
[30] IN (201631000085) 2016-01-01

[21] **3,009,593**
[13] A1

[51] **Int.Cl. B01D 67/00 (2006.01) B01D 69/08 (2006.01) B01D 71/44 (2006.01) B01D 71/68 (2006.01)**
[25] EN
[54] **FILTER MEMBRANE AND DEVICE**
[54] **MEMBRANE FILTRANTE ET DISPOSITIF DU TYPE FILTRE**
[72] KRAUSE, BERND, DE
[72] BOSCHIETTI-DE-FIERRO, ADRIANA, DE
[72] VOIGT, MANUEL, DE
[72] GECKELER, JOHANNES, DE
[72] SCHWEIGER, FERDINAND, DE
[71] GAMBRO LUNIDIA AB, SE
[85] 2018-06-22
[86] 2017-01-19 (PCT/EP2017/051044)
[87] (WO2017/125470)
[30] EP (16152332.9) 2016-01-22

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[13] A1
[51] Int.Cl. G03G 15/08 (2006.01) G03G 21/16 (2006.01)
[25] EN
[54] DEVELOPING CARTRIDGE
[54] CARTOUCHE DE DEVELOPPEMENT
[72] ITABASHI, NAO, JP
[72] YOKOI, JUNICHI, JP
[71] BROTHER KOGYO KABUSHIKI KAISHA, JP
[85] 2018-06-22
[86] 2016-08-26 (PCT/JP2016/075015)
[87] (WO2017/110143)
[30] JP (2015-254202) 2015-12-25

[21] 3,009,595
[13] A1
[51] Int.Cl. C12N 5/079 (2010.01) C12N 5/0793 (2010.01) C12N 5/0797 (2010.01)
[25] EN
[54] RETINAL STEM CELLS
[54] CELLULES SOUCHES RETINIENNES
[72] PINELLI, ROBERTO, CH
[71] PINELLI, ROBERTO, CH
[85] 2018-06-22
[86] 2016-12-20 (PCT/IB2016/057830)
[87] (WO2017/109699)
[30] CH (01907/15) 2015-12-23

[21] 3,009,596
[13] A1
[51] Int.Cl. G06Q 20/06 (2012.01)
[25] EN
[54] SETTLEMENT SYSTEM AND SETTLEMENT METHOD
[54] SYSTEME DE REGLEMENT ET PROCEDE DE REGLEMENT
[72] ARIKAWA, SHINICHIROU, JP
[72] FUJIYOSHI, EIJI, JP
[71] 10353744 CANADA LTD., CA
[85] 2018-06-22
[86] 2014-12-24 (PCT/JP2014/084193)
[87] (WO2016/103373)

[21] 3,009,597
[13] A1
[51] Int.Cl. C08J 3/24 (2006.01) C07C 57/00 (2006.01) C07C 327/36 (2006.01) C07D 335/00 (2006.01) C07D 335/02 (2006.01)
[25] EN
[54] NOVEL HETERO-DIELS-ALDER CROSSLINKER AND USE THEREOF IN REVERSIBLY CROSSLINKED POLYMER SYSTEMS
[54] NOUVEAUX AGENTS DE RETICULATION PAR LA REACTION D'HETERO-DIELS-ALDER ET LEUR UTILISATION DANS DES SYSTEMES POLYMERES A RETICULATION REVERSIBLE
[72] SCHMIDT, FRIEDRICH GEORG, DE
[72] PAULMANN, UWE, DE
[72] RICHTER, CHRISTIAN, DE
[72] INHISTERN, MARCEL, DE
[72] MEIER, CHRISTIAN, DE
[72] BARNER-KOWOLLIK, CHRISTOPHER, DE
[72] PAHNKE, KAI, DE
[72] SANZ, MIGUEL ANGEL, DE
[72] UMBREEN, SUMAIRA, DE
[72] JANSSEN, CHRISTIAN EWALD, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2018-06-22
[86] 2017-01-20 (PCT/EP2017/051158)
[87] (WO2017/129483)
[30] EP (16153363.3) 2016-01-29

[21] 3,009,598
[13] A1
[51] Int.Cl. H01M 8/04858 (2016.01) H01M 8/04225 (2016.01) H01M 8/04228 (2016.01) H01M 8/04302 (2016.01) H01M 8/04303 (2016.01) H01M 8/00 (2016.01) H01M 8/04 (2016.01) H01M 8/12 (2016.01) B60L 11/18 (2006.01)
[25] EN
[54] FUEL CELL SYSTEM AND METHOD FOR CONTROLLING FUEL CELL SYSTEM
[54] SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE
[72] KUMADA, MITSUNORI, JP
[72] YAGUCHI, TATSUYA, JP
[72] SUZUKI, KENTA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-06-22
[86] 2016-11-30 (PCT/JP2016/085495)
[87] (WO2017/110390)
[30] JP (2015-254162) 2015-12-25

[21] 3,009,599
[13] A1
[51] Int.Cl. A61K 31/352 (2006.01) A24F 47/00 (2006.01) A61K 9/00 (2006.01) A61M 15/00 (2006.01) G06F 19/00 (2018.01)
[25] EN
[54] LOW DOSE THERAPEUTIC TREATMENT
[54] TRAITEMENT THERAPEUTIQUE A FAIBLE DOSE
[72] DAVIDSON, PERRY, IL
[72] KINDLER, SETH, IL
[72] ALMOG, SHLOMO, IL
[72] SCHWARTZ, BINYAMIN, IL
[72] SCHORR, AARON, IL
[72] ATZMONY, DANIELLA, IL
[71] SYQE MEDICAL LTD., IL
[85] 2018-06-22
[86] 2017-01-05 (PCT/IL2017/050014)
[87] (WO2017/118980)
[30] US (62/275,314) 2016-01-06

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[21] 3,009,600
[13] A1

[51] Int.Cl. F21V 5/00 (2018.01) F21V 7/04 (2006.01)

[25] EN

[54] **IMPROVED LED LIGHT SYSTEMS AND DEVICE FOR LOCOMOTIVES AND NARROW BEAM AND MULTI BEAM APPLICATIONS**

[54] **SYSTEMES ET DISPOSITIF D'ECLAIRAGE A DEL AMELIORE POUR LOCOMOTIVES ET APPLICATIONS A FAISCEAU ETROIT ET FAISCEAUX MULTIPLES**

[72] KHOSLA, SANJEEV, IN
[72] KHOSLA, AARTI, IN
[71] KHOSLA, SANJEEV, IN
[71] KHOSLA, AARTI, IN
[85] 2018-06-22
[86] 2016-12-21 (PCT/IB2016/057849)
[87] (WO2017/109711)
[30] IN (4237/DKJ/2015) 2015-12-22

[21] 3,009,601
[13] A1

[51] Int.Cl. H01M 8/04228 (2016.01) H01M 8/04303 (2016.01) H01M 8/04 (2016.01) H01M 8/12 (2016.01)

[25] EN

[54] **SOLID OXIDE FUEL CELL SYSTEM AND METHOD OF CONTROLLING THE SAME**

[54] **SYSTEME DE PILE A COMBUSTIBLE A OXYDE SOLIDE ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE A OXYDE SOLIDE**

[72] YAMAZAKI, TETSUSHI, JP
[72] YAGUCHI, TATSUYA, JP
[72] SHIOMI, TAKESHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-06-22
[86] 2016-12-08 (PCT/JP2016/086632)
[87] (WO2017/110513)
[30] JP (2015-254188) 2015-12-25

[21] 3,009,602
[13] A1

[51] Int.Cl. A01N 43/40 (2006.01) A01N 39/04 (2006.01) A01N 43/707 (2006.01) A01N 47/36 (2006.01) A01P 13/00 (2006.01)

[25] EN

[54] **HERBICIDE COMBINATION**

[54] **COMBINAISON HERBICIDE**

[72] HELLER, JEAN-JACQUES, FR
[72] VAUGHN, STANSFIELD, GB
[72] VAN DER LAAN, ALEXANDER CORNELIS, NL
[72] SHROFF, JAIDEV RAJNIKANT, AE
[72] SHROFF, VIKRAM RAJNIKANT, AE
[71] UPL EUROPE LTD, GB
[85] 2018-06-22
[86] 2017-02-14 (PCT/EP2017/053233)
[87] (WO2017/140650)
[30] EP (16155821.8) 2016-02-16

[21] 3,009,603
[13] A1

[51] Int.Cl. C09D 183/06 (2006.01) G02B 1/14 (2015.01) B32B 27/00 (2006.01) C08J 7/04 (2006.01)

[25] EN

[54] **HARD-COAT-LAYER-FORMING COMPOSITION AND OPTICAL MEMBER**

[54] **COMPOSITION FORMANT UNE COUCHE DE REVETEMENT DUR ET ELEMENT OPTIQUE**

[72] SHIODA, GORO, JP
[71] NIKON-ESSILOR CO., LTD., JP
[85] 2018-06-22
[86] 2016-12-09 (PCT/JP2016/086715)
[87] (WO2017/110522)
[30] JP (2015-255224) 2015-12-25

[21] 3,009,604
[13] A1

[51] Int.Cl. E01D 15/127 (2006.01) E01D 6/02 (2006.01) E01D 15/133 (2006.01) E01D 21/06 (2006.01) E01D 21/08 (2006.01)

[25] EN

[54] **A BRIDGING SYSTEM**

[54] **SYSTEME DE PONTAGE**

[72] BRIGHT, STEPHEN, GB
[71] BRIGHT STRUCTURES LIMITED, GB
[85] 2018-06-22
[86] 2016-12-22 (PCT/IB2016/057935)
[87] (WO2017/118890)
[30] GB (1600310.5) 2016-01-08

[21] 3,009,605
[13] A1

[51] Int.Cl. H01M 4/86 (2006.01) H01M 4/88 (2006.01) H01M 4/96 (2006.01) H01M 8/10 (2016.01)

[25] EN

[54] **GAS DIFFUSION ELECTRODE AND METHOD FOR MANUFACTURING SAME**

[54] **ELECTRODE A DIFFUSION GAZEUSE ET SON PROCEDE DE FABRICATION**

[72] OKANO, YASUTAKA, JP
[72] URAI, JUNICHI, JP
[72] TANIMURA, YASUAKI, JP
[72] UTSUNOMIYA, MASAMICHI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-06-22
[86] 2016-12-16 (PCT/JP2016/087625)
[87] (WO2017/110691)
[30] JP (2015-251257) 2015-12-24

[21] 3,009,606
[13] A1

[51] Int.Cl. G03G 15/08 (2006.01) G03G 15/00 (2006.01) G03G 21/16 (2006.01)

[25] EN

[54] **DEVELOPING CARTRIDGE**

[54] **CARTOUCHE DE DEVELOPPEMENT**

[72] ITABASHI, NAO, JP
[71] BROTHER KOGYO KABUSHIKI KAISHA, JP
[85] 2018-06-22
[86] 2016-08-26 (PCT/JP2016/075013)
[87] (WO2017/110141)
[30] JP (2015-254200) 2015-12-25

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[21] 3,009,607
[13] A1
[51] Int.Cl. F16L 15/04 (2006.01) C23C 22/18 (2006.01) C23C 28/00 (2006.01) C25D 5/26 (2006.01) C25D 7/00 (2006.01)
[25] EN
[54] **THREADED CONNECTION FOR PIPE OR TUBE AND METHOD OF PRODUCING THE THREADED CONNECTION FOR PIPE OR TUBE**
[54] **JOINT A VIS POUR TUBE ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] GOTO, KUNIO, JP
[72] KIMOTO, MASANARI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2018-06-22
[86] 2016-12-16 (PCT/JP2016/087610)
[87] (WO2017/110685)
[30] JP (2015-254026) 2015-12-25

[21] 3,009,608
[13] A1
[51] Int.Cl. A61K 9/127 (2006.01) A61K 31/337 (2006.01) A61K 31/7068 (2006.01) A61K 47/18 (2017.01) A61K 47/24 (2006.01) A61P 35/00 (2006.01) C07D 305/14 (2006.01) C07H 19/06 (2006.01) C07H 19/073 (2006.01)
[25] EN
[54] **TREATMENT OF BREAST CANCER USING A COMBINATION OF A CATIONIC LIPOSOMAL FORMULATION OF TAXANE, A NON-LIPOSOMAL FORMULATION OF TAXANE AND A FURTHER ACTIVE AGENT**
[54] **TRAITEMENT DU CANCER DU SEIN AU MOYEN D'UNE ASSOCIATION D'UNE FORMULATION DE TAXANE LIPOSOMALE CATIONIQUE, D'UNE FORMULATION DE TAXANE NON LIPOSOMALE ET D'UN AUTRE PRINCIPE ACTIF**
[72] LIN, SHIH-TING, CN
[72] TSENG, HUI-YUAN, CN
[72] TENG, HSIN-WEI, CN
[71] SYNCORE BIOTECHNOLOGY CO., LTD, TW
[71] CANCAP PHARMACEUTICAL LTD., CA
[85] 2018-06-22
[86] 2016-12-28 (PCT/IB2016/058055)
[87] (WO2017/115301)
[30] US (62/272,772) 2015-12-30

[21] 3,009,609
[13] A1
[51] Int.Cl. A61K 31/519 (2006.01) A61P 9/04 (2006.01)
[25] EN
[54] **MEDICAMENT**
[54] **MEDICAMENT**
[72] MATSUDA, TAKAHISA, JP
[72] MOTOYAJI, TAKASHI, JP
[72] KITAMURA, SHUJI, JP
[72] YOSHIDA, MASATO, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2018-06-22
[86] 2016-12-21 (PCT/JP2016/088121)
[87] (WO2017/110881)
[30] JP (2015-253809) 2015-12-25

[21] 3,009,610
[13] A1
[51] Int.Cl. C07D 401/14 (2006.01) A61K 31/4725 (2006.01) A61P 35/00 (2006.01) C07C 55/08 (2006.01) C07C 57/145 (2006.01) C07C 59/245 (2006.01) C07C 59/265 (2006.01) C07C 59/54 (2006.01) C07C 65/05 (2006.01) C07C 65/10 (2006.01)
[25] EN
[54] **COCRYSTAL, PRODUCTION METHOD THEREOF, AND MEDICAMENT CONTAINING COCRYSTAL**
[54] **COCRISTAL, PROCEDE DE PRODUCTION ASSOCIE ET MEDICAMENT CONTENANT LE COCRISTAL**
[72] KIMOTO, KOYA, JP
[72] YAMAMOTO, MITSUO, JP
[72] KITAYAMA, MASATO, JP
[72] SAWAI, YASUHIRO, JP
[72] HOKOKABE, MIYUKI, JP
[72] IWATA, KENTARO, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2018-06-22
[86] 2016-12-22 (PCT/JP2016/089224)
[87] (WO2017/111179)
[30] JP (2015-252658) 2015-12-24

[21] 3,009,611
[13] A1
[51] Int.Cl. A61K 35/36 (2015.01) A61K 35/76 (2015.01) A61P 21/00 (2006.01)
[25] EN
[54] **PREVENTIVE OR THERAPEUTIC AGENT FOR MUSCLE INJURY**
[54] **MEDICAMENT POUR LA PROPHYLAXIE ET/OU LE TRAITEMENT DE DOMMAGES MUSCULAIRES**
[72] INAGE, KAZUHIRO, JP
[72] TAKAHASHI, KAZUHIRO, JP
[72] OHTORI, SEIJI, JP
[72] ORITA, SUMIHISA, JP
[71] NATIONAL UNIVERSITY CORPORATION CHIBA UNIVERSITY, JP
[71] NIPPON ZOKI PHARMACEUTICAL CO., LTD., JP
[85] 2018-06-22
[86] 2017-01-27 (PCT/JP2017/002973)
[87] (WO2017/131169)
[30] JP (2016-016463) 2016-01-29

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[21] **3,009,612**
[13] A1

[51] **Int.Cl. B62M 6/45 (2010.01) B62M 6/55 (2010.01) B62M 6/90 (2010.01) B62K 19/34 (2006.01) B62K 19/40 (2006.01)**

[25] EN

[54] **ELECTRIC BICYCLE**

[54] **BICYCLETTE ELECTRIQUE**

[72] GIBBINGS, HENRY ALBERT, MC

[71] TYPHOON BICYCLES LIMITED, MC

[85] 2018-06-22

[86] 2016-12-26 (PCT/EP2016/082677)

[87] (WO2017/114811)

[30] US (62/271,304) 2015-12-27

[21] **3,009,613**
[13] A1

[51] **Int.Cl. H01M 8/04228 (2016.01) H01M 8/04303 (2016.01) B60L 11/18 (2006.01) C01B 3/32 (2006.01) H01M 8/04 (2016.01) H01M 8/12 (2016.01)**

[25] EN

[54] **FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM**

[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE**

[72] YAJIMA, KENTAROU, JP

[72] YANAGISAWA, MASANARI, JP

[72] MAESHIMA, SUSUMU, JP

[71] NISSAN MOTOR CO., LTD., JP

[85] 2018-06-14

[86] 2016-09-26 (PCT/JP2016/078262)

[87] (WO2017/104213)

[30] JP (2015-244472) 2015-12-15

[21] **3,009,615**
[13] A1

[51] **Int.Cl. G03F 7/00 (2006.01) B29C 67/00 (2017.01) G03F 7/038 (2006.01)**

[25] EN

[54] **A PHOTOCURABLE RESIN COMPOSITION FOR STEREOGRAPHIC MANUFACTURING, THREE-DIMENSIONAL ARTICLES PRODUCED WITH SAID COMPOSITION AND A RELATIVE MANUFACTURING METHOD**

[54] **COMPOSITION DE RESINE PHOTODURCISSABLE POUR LA FABRICATION STEREOGRAPHIQUE, ARTICLES TRIDIMENSIONNELS PRODUITS AVEC LA DITE COMPOSITION ET PROCEDE DE FABRICATION ASSOCIE**

[72] HAGIWARA, TSUNEO, JP

[72] IKETANI, SATOSHI, IT

[71] DWS S.R.L., IT

[85] 2018-06-22

[86] 2017-01-27 (PCT/IB2017/050449)

[87] (WO2017/130153)

[30] IT (10201600008951) 2016-01-28

[21] **3,009,616**
[13] A1

[51] **Int.Cl. A61F 2/95 (2013.01) A61F 2/962 (2013.01) A61F 2/966 (2013.01)**

[25] EN

[54] **TRANSCATHETER INSERTION SYSTEM**

[54] **SYSTEME D'INTRODUCTION DE TRANSCATHETER**

[72] TUSETH, VEGARD, NO

[72] KEILLOR, MATTHEW, US

[72] HAARSTAD, PHIL., US

[72] PATTERSON, SHAWN, NO

[72] SCHMIDT, STEVE, US

[72] BURROW, DAN, US

[71] NUHEART AS, NO

[85] 2018-06-22

[86] 2016-12-29 (PCT/EP2016/082889)

[87] (WO2017/114928)

[30] US (14/984,998) 2015-12-30

[30] US (14/985,030) 2015-12-30

[21] **3,009,617**
[13] A1

[51] **Int.Cl. C11D 17/06 (2006.01) C11D 3/00 (2006.01) C11D 3/37 (2006.01)**

[25] EN

[54] **SHEET FOR WASHING**

[54] **FEUILLE POUR LAVAGE**

[72] CHO, MIN-SEOK, KR

[72] JO, MUN-SEONG, KR

[72] CHA, KYUNG-ON, KR

[71] LG HOUSEHOLD & HEALTH CARE LTD., KR

[85] 2018-06-22

[86] 2016-12-22 (PCT/KR2016/015103)

[87] (WO2017/111498)

[30] KR (10-2015-0184004) 2015-12-22

[30] KR (10-2016-0097074) 2016-07-29

[21] **3,009,618**
[13] A1

[51] **Int.Cl. F27D 1/16 (2006.01) C21B 7/00 (2006.01)**

[25] EN

[54] **SHAFT FURNACE CONSTRUCTION METHOD AND ASSEMBLY**

[54] **PROCEDE ET ENSEMBLE DE CONSTRUCTION DE FOUR A CUVE**

[72] GRIPPELING, JOEP, NL

[72] GROEN, MAURICE, NL

[72] SARBRANT, MAGNUS, NL

[72] VAN STRAATEN, VICTOR, NL

[71] DANIELI CORUS B.V., NL

[85] 2018-06-22

[86] 2016-12-29 (PCT/EP2016/082895)

[87] (WO2017/114933)

[30] EP (15203208.2) 2015-12-30

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[21] **3,009,619**
[13] A1
[51] **Int.Cl. B23P 15/14 (2006.01) B21H 5/00 (2006.01) B23F 1/06 (2006.01) B23F 19/05 (2006.01) B23F 19/06 (2006.01) B23P 13/02 (2006.01) B23P 17/02 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING GEAR AND GEAR MANUFACTURED BY SAME METHOD**
[54] **PROCEDE DE FABRICATION D'ENGRENAGE ET ENGRENAGE FABRIQUE PAR LEDIT PROCEDE**
[72] LEE, KWANG HUI, KR
[71] LEE, KWANG HUI, KR
[85] 2018-06-22
[86] 2016-12-28 (PCT/KR2016/015367)
[87] (WO2017/116127)
[30] KR (10-2015-0191174) 2015-12-31
[30] KR (10-2016-0179078) 2016-12-26

[21] **3,009,620**
[13] A1
[51] **Int.Cl. A41D 13/11 (2006.01)**
[25] EN
[54] **FACEMASK AND METHOD OF MANUFACTURING SAME**
[54] **MASQUE FACIAL ET SON PROCEDE DE FABRICATION**
[72] HOUIDE, AJAY Y., US
[71] O&M HALYARD INTERNATIONAL UNLIMITED COMPANY, IE
[85] 2018-06-22
[86] 2015-12-23 (PCT/US2015/000265)
[87] (WO2017/111782)

[21] **3,009,621**
[13] A1
[51] **Int.Cl. E01B 29/46 (2006.01) B23K 11/00 (2006.01)**
[25] EN
[54] **WELDING APPARATUS FOR WELDING RAILS OF A TRACK**
[54] **UNITE DE SOUDAGE DESTINEE AU SOUDAGE DES RAILS D'UNE VOIE**
[72] FLETZER, ROBERT, AT
[72] MUHLLETNER, HEINZ, AT
[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT
[85] 2018-06-22
[86] 2017-01-09 (PCT/EP2017/000018)
[87] (WO2017/133828)
[30] AT (A56/2016) 2016-02-04

[21] **3,009,622**
[13] A1
[51] **Int.Cl. A41D 13/11 (2006.01)**
[25] EN
[54] **FACEMASKS WITH MATERIAL LAYERS FOR ENHANCED BONDING PROCESS**
[54] **MASQUES FACIAUX DOTES DE COUCHES DE MATERIAUX POUR PROCEDE DE COLLAGE AMELIORE**
[72] HOUIDE, AJAY Y., US
[71] O&M HALYARD INTERNATIONAL UNLIMITED COMPANY, IE
[85] 2018-06-22
[86] 2015-12-23 (PCT/US2015/000266)
[87] (WO2017/111783)

[21] **3,009,623**
[13] A1
[51] **Int.Cl. F04D 13/10 (2006.01)**
[25] EN
[54] **SMALL-SIZED SUBMERSIBLE PUMP UNIT**
[54] **DISPOSITIF POMPE IMMERGE DE PETITES DIMENSIONS**
[72] PERELMAN, MAKSIM OLEGOVICH, RU
[72] POSHVIN, YEVGENII VYACHESLAVOVICH, RU
[72] ZUBENIN, ILIA NIKOLAYEVICH, RU
[72] MARTIUSHEV, DANIIL NIKOLAYEVICH, RU
[72] GORBUNOV, DMITRII VALERYEVICH, RU
[72] DANCHENKO, YURIY VALENTINOVICH, RU
[71] JOINT STOCK COMPANY "NOVOMET-PERM", RU
[85] 2018-06-22
[86] 2016-12-15 (PCT/RU2016/000889)
[87] (WO2017/111661)
[30] RU (2015156079) 2015-12-25
[30] RU (2016120229) 2016-05-24

[21] **3,009,624**
[13] A1
[51] **Int.Cl. A41D 13/11 (2006.01)**
[25] EN
[54] **FACEMASK WITH NONMETALLIC NOSE MEMBER AND METHOD OF MANUFACTURING SAME**
[54] **MASQUE FACIAL COMPORTANT UN ELEMENT POUR NEZ NON METALLIQUE ET SON PROCEDE DE FABRICATION**
[72] HOUIDE, AJAY Y., US
[71] O&M HALYARD INTERNATIONAL UNLIMITED COMPANY, IE
[85] 2018-06-22
[86] 2015-12-23 (PCT/US2015/000268)
[87] (WO2017/111784)

[21] **3,009,625**
[13] A1
[51] **Int.Cl. A23N 1/00 (2006.01) A47J 19/02 (2006.01) B02C 19/22 (2006.01) F16H 1/10 (2006.01)**
[25] EN
[54] **LARGE-CAPACITY JUICER**
[54] **CENTRIFUGEUSE GRANDE CAPACITE**
[72] KIM, CHOM TU I, KR
[71] KIM, CHOM TU I, KR
[85] 2018-06-22
[86] 2016-12-19 (PCT/KR2016/014898)
[87] (WO2017/116056)
[30] KR (10-2015-0191176) 2015-12-31

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[21] **3,009,626**
[13] A1

[51] **Int.Cl. C10G 15/00 (2006.01) C10G 47/34 (2006.01)**

[25] EN

[54] **METHOD FOR PROCESSING HEAVY HYDROCARBON FEEDSTOCK**

[54] **PROCEDES DE TRAITEMENT D'UNE CHARGE D'HYDROCARBURE LOURDE**

[72] DOMANOV, IYEVGEN EFIMOVICH, UA

[72] ROMANKOV, VLADIMIR VASILEVICH, GB

[72] STUDENNIKOV, VADYM VIKTOROVICH, UA

[71] DOMANOV, IYEVGEN EFIMOVICH, UA

[71] ROMANKOV, VLADIMIR VASILEVICH, GB

[71] STUDENNIKOV, VADYM VIKTOROVICH, UA

[85] 2018-06-22

[86] 2016-11-10 (PCT/UA2016/000132)

[87] (WO2017/111764)

[30] UA (u 2015 12817) 2015-12-24

[30] UA (a 2016 08388) 2016-07-29

[21] **3,009,627**
[13] A1

[51] **Int.Cl. A61K 9/08 (2006.01) A61K 38/27 (2006.01) A61K 47/10 (2017.01) A61K 47/12 (2006.01) A61K 47/18 (2017.01) A61K 47/26 (2006.01) A61K 47/34 (2017.01) C07K 14/61 (2006.01)**

[25] EN

[54] **A NOVEL LIQUID FORMULATION OF LONG-ACTING HUMAN GROWTH HORMONE CONJUGATE**

[54] **NOUVELLE PREPARATION EN PHASE LIQUIDE D'UN CONJUGUE D'HORMONE DE CROISSANCE HUMAINE A LONGUE DUREE D'ACTION**

[72] LIM, HYUNG KYU, KR

[72] DONG, JOO YOUNG, KR

[72] BAE, SUNG MIN, KR

[72] KWON, SE CHANG, KR

[71] HANMI PHARM. CO., LTD., KR

[85] 2018-06-22

[86] 2016-12-30 (PCT/KR2016/015534)

[87] (WO2017/116191)

[30] KR (10-2015-0189919) 2015-12-30

[21] **3,009,628**
[13] A1

[51] **Int.Cl. A61M 25/10 (2013.01)**

[25] EN

[54] **BALLOON CATHETERS**

[54] **CATHETERS A BALLONNETS**

[72] CHUTTER, TIMOTHY A. M., US

[71] CHUTTER, TIMOTHY A. M., US

[85] 2018-06-22

[86] 2015-12-24 (PCT/US2015/000440)

[87] (WO2016/105556)

[30] US (62/096,844) 2014-12-24

[21] **3,009,629**
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01) A01N 43/63 (2006.01)**

[25] EN

[54] **HERBICIDAL COMPOSITIONS CONTAINING 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID OR A DERIVATIVE THEREOF AND A CELL MEMBRANE DISRUPTOR HERBICIDE OR A DERIVATIVE THEREOF**

[54] **COMPOSITIONS HERBICIDES COMPRENANT DE L'ACIDE 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIQUE OU DERIVE DE CELLES-CI ET HERBICIDE PERTURBATEUR DE MEMBRANE CELLULAIRE OU DERIVE DE CELUI-CI**

[72] VOGLEWEDE, CHRISTOPHER J., US

[72] MANN, RICHARD K., US

[72] ZOBIOLE, LUIZ HENRIQUE, BR

[72] KALSING, AUGUSTO, BR

[72] SANTOS, GIZELLY, BR

[71] DOW AGROSCIENCES LLC, US

[85] 2018-06-22

[86] 2016-09-08 (PCT/US2016/050699)

[87] (WO2017/116514)

[30] US (62/272205) 2015-12-29

[21] **3,009,630**
[13] A1

[51] **Int.Cl. B01J 35/08 (2006.01) C23C 4/134 (2016.01) B05D 1/02 (2006.01) C03B 19/10 (2006.01) F26B 3/04 (2006.01) F26B 3/12 (2006.01) H05H 1/48 (2006.01)**

[25] EN

[54] **SPHEROIDAL DEHYDROGENATED METALS AND METAL ALLOY PARTICLES**

[54] **METAUX DESHYDROGENES SPHEROIDAUX ET PARTICULES D'ALLIAGE METALLIQUE**

[72] HAIDIDI, KAMAL., US

[72] WROBEL, GREGORY, US

[72] REDJIDAL, MAKHLOUF, US

[71] AMASTAN TECHNOLOGIES LLC, US

[85] 2018-06-22

[86] 2016-12-16 (PCT/US2016/067100)

[87] (WO2017/106601)

[30] US (62/268,186) 2015-12-16

[21] **3,009,631**
[13] A1

[51] **Int.Cl. G06F 21/71 (2013.01) G06F 21/44 (2013.01) G06F 21/60 (2013.01)**

[25] EN

[54] **DATA BREACH DETECTION SYSTEM**

[54] **SYSTEME DE DETECTION DE VIOLATION DE DONNEES**

[72] LANCASTER, NORMAN BRADLEY, US

[71] WALMART APOLLO, LLC, US

[85] 2018-06-22

[86] 2016-12-14 (PCT/US2016/066592)

[87] (WO2017/112484)

[30] US (62/270,963) 2015-12-22

[30] US (15/376,038) 2016-12-12

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[54] BIOMATERIAUX POLYMERES DERIVES DE MONOMERES PHENOLIQUES ET LEURS UTILISATIONS MEDICALES
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[72] KOHN, JOACHIM B., US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
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[54] SYSTEM AND METHOD FOR INCREASING A CROSS-SECTIONAL AREA OF A BODY LUMEN
[54] SYSTEME ET PROCEDE POUR AUGMENTER UNE ZONE EN SECTION TRANSVERSALE D'UNE LUMIERE CORPORELLE
[72] HSU, THOMAS, US
[72] HSU, SENZAN, US
[72] HSU, ELLEN, US
[71] PRODEON, INC., CN
[85] 2018-06-22
[86] 2016-12-22 (PCT/US2016/068272)
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[30] US (62/387,090) 2015-12-22
[30] US (62/392,388) 2016-05-31

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[54] PREFORME POURVUE DE CHARGES DE REMPLISSAGE D'ESPACES INTEGRES
[72] GOERING, JONATHAN, US
[71] ALBANY ENGINEERED COMPOSITES, INC., US
[85] 2018-06-22
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[54] IMPLEMENT CONTROL BASED ON SURFACE-BASED COST FUNCTION AND NOISE VALUES
[54] COMMANDE D'OUTIL BASEE SUR DES VALEURS DE FONCTION DE COUT BASEE SUR LA SURFACE ET DE BRUIT
[72] ZHANG, YANCHAI, US
[72] GREEN, FRANCISCO R., US
[72] WRAY, ALBERT A., US
[72] CHANG, INSU, US
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[72] WENZEL, HANS F., US
[72] MOY, CHRIS, US
[72] DENG, ERIC, US
[72] NILSEN, RAY, US
[71] HESTAN COMMERCIAL CORPORATION, US
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[25] EN
[54] ENGINEERED MEGANUCLEASES WITH RECOGNITION SEQUENCES FOUND IN THE HUMAN BETA-2 MICROGLOBULIN GENE
[54] MEGANUCLEASES GENETIQUEMENT MODIFIEES COMPORTANT DES SEQUENCES DE RECONNAISSANCE QUE L'ON TROUVE DANS LE GENE DE LA MICROGLOBULINE BETA-2 HUMAINE
[72] BARTSEVICH, VICTOR, US
[72] PHAM, CHRISTINA, US
[72] MARTIN, AARON, US
[72] JANTZ, DEREK, US
[72] SMITH, JAMES JEFFERSON, US
[72] NICHOLSON, MICHAEL G., US
[71] PRECISION BIOSCIENCES, INC., US
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[54] **PROTHESE POUR REPARATION D'UN DEFAUT HERNIAIRE**
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[72] HAMILTON, JASON, US
[72] CONIDI, JOHN, US
[72] ROTHBERG, MATTHEW, US
[72] ZINITI, DONALD E., US
[72] ABROFF, AARON, US
[72] LOOMIS, AMY, US
[71] C.R. BARD, INC., US
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[54] **UNITE DE COLLECTE DE DECHETS**
[72] DAVIE, DANIEL, US
[72] ZOLLINGER, MICHAEL, US
[72] MACLACHLAN, BRIAN, US
[72] ISHAM, STEVE, US
[72] EDINGER, BENJAMIN, US
[72] DURNELL, TROY, US
[71] STRYKER CORPORATION, US
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[30] US (62/387,394) 2015-12-24

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[25] EN
[54] **ASSEMBLY-TYPE NON-ADHESIVE FLOORBOARD THAT TIGHTLY CONTACTS FLOOR AND CAN BE EASILY INSTALLED, DISMANTLED, AND MAINTAINED AND METHOD FOR TIGHTLY INSTALLING FLOORBOARD USING SAME**
[54] **LAME DE PARQUET NON ADHESIVE DE TYPE A ASSEMBLAGE QUI VIENT EN CONTACT ETROIT AVEC LE SOL ET PEUT ETRE FACILEMENT INSTALLEE, DEMONTEE ET MAINTENUE, ET PROCEDE D'INSTALLATION DE FACON ETROITE DE LAME DE PARQUET**
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[71] HANSSEM CO., LTD., KR
[71] CHOI, JIN-HO, KR
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[54] **SYSTEM AND METHOD FOR RAPID DEVELOPMENT AND DEPLOYMENT OF REUSABLE ANALYTIC CODE FOR USE IN COMPUTERIZED DATA MODELING AND ANALYSIS**
[54] **SYSTEME ET PROCEDE DE DEVELOPPEMENT ET DE DEPLOIEMENT RAPIDES DE CODE ANALYTIQUE REUTILISABLE DESTINE A ETRE UTILISE POUR UNE MODELISATION ET UNE ANALYSE DE DONNEES INFORMATISEES**
[72] BAR-OR, AMIR, US
[72] LIAO, YUANSONG, US
[72] SRINIVASAN, LAKS, US
[72] HUANG, DING, US
[72] WANG, HONG, CN
[71] OPERA SOLUTIONS U.S.A., LLC, US
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[30] US (62/271,041) 2015-12-22

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[25] EN
[54] **BROMODOMAIN AND EXTRA-TERMINAL PROTEIN INHIBITOR COMBINATION THERAPY**
[54] **THERAPIE D'ASSOCIATION PAR INHIBITEUR DE BROMODOMAINE ET DE PROTEINE EXTRA-TERMINALE**
[72] NIKOLOVA, ZARIANA, CH
[72] CHO, ROBERT, US
[72] STAFFORD, JEFFREY ALAN, US
[71] CEL.GENE QUANTICEL RESEARCH, INC., US
[85] 2018-06-22
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[25] EN
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[54] SYSTEME DE DETECTION DE METAUX POUR UTILISATION AVEC UN CONTENEUR DE DECHETS MEDICAUX
[72] HENNIGES, BRUCE D., US
[72] PHILLIPP, CHRISTOPHER, US
[72] WALLNER, ANDREW LEE, US
[72] CHMELAR, ERIK VACLAV, US
[72] VANOSS, JEFFREY LEE, US
[71] STRYKER CORPORATION, US
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[51] Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01) G01N 33/577 (2006.01)
[25] EN
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[54] NOUVEAUX ANTICORPS POUR LE TRAITEMENT DE CANCERS
[72] WADEHRA, MADHURI, US
[72] BRAUN, JONATHAN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[86] 2016-12-05 (PCT/US2016/065002)
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[25] EN
[54] SENSOR SYSTEMS AND METHODS FOR MEASURING CLAY ACTIVITY
[54] SYSTEMES DE CAPTEURS ET METHODES DE MESURE DE L'ACTIVITE DE L'ARGILE
[72] SURMAN, CHERYL MARGARET, US
[72] GO, STEVEN, US
[72] LEE, YONGJAE, US
[72] POTYRAILO, RADISLAV ALEXANDROVICH, US
[71] BL TECHNOLOGIES, INC., US
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[54] A DEVICE TO ENHANCE THE TRACTION OF A TRACKED VEHICLE
[54] DISPOSITIF POUR AMELIORER LA TRACTION DE VEHICULE CHENILLE
[72] BURLING, JOHN MENZIES, NZ
[71] JIB INNOVATIONS LIMITED, NZ
[85] 2018-06-22
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[87] (WO2017/111624)
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[51] Int.Cl. B25J 15/00 (2006.01) B25J 15/06 (2006.01) B25J 15/10 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR ACQUIRING AND MOVING OBJECTS
[54] SYSTEMES ET PROCEDES POUR ACQUERIR ET DEPLACER DES OBJETS
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] COHEN, BENJAMIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] GEYER, CHRISTOPHER, US
[72] KOLETSCHKA, THOMAS, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW, US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY INC., US
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[30] US (62/276,653) 2016-01-08

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[51] Int.Cl. A61B 18/00 (2006.01) A61B 18/04 (2006.01) A61B 18/18 (2006.01) A61F 2/01 (2006.01) A61N 5/02 (2006.01)
[25] EN
[54] THERMAL ACCELERANT COMPOSITIONS AND METHODS OF USE
[54] COMPOSITIONS D'ACCELERANT THERMIQUE ET PROCEDES D'UTILISATION
[72] PARK, WILLIAM KEUN CHAN, US
[72] DUPUY, DAMIAN E., US
[72] WALSH, EDWARD G., US
[71] BROWN UNIVERSITY, US
[71] RHODE ISLAND HOSPITAL, US
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[30] US (62/387,250) 2015-12-23
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[51] Int.Cl. C07K 16/28 (2006.01) A61K 38/26 (2006.01) A61K 39/395 (2006.01) A61P 3/10 (2006.01)

[25] EN

[54] **METHOD OF TREATING OR AMELIORATING METABOLIC DISORDERS USING BINDING PROTEINS FOR GASTRIC INHIBITORY PEPTIDE RECEPTOR (GIPR) IN COMBINATION WITH GLP-1 AGONISTS**

[54] **PROCEDE DE TRAITEMENT OU D'AMELIORATION DE TROUBLES METABOLIQUES A L'AIDE DE PROTEINES DE LIAISON AU RECEPTEUR DU PEPTIDE INHIBITEUR GASTRIQUE (GIPR) EN ASSOCIATION AVEC DES AGONISTES DU GLP-1**

[72] YIE, JUNMING, US
[72] SHI, DONGHUI, US
[72] LLOYD, DAVID J., US
[72] WANG, JINGHONG, US
[72] SIVITS, GLENN N., JR., US
[72] VENIANT-ELLISON, MURIELLE M., US
[72] KOMOROWSKI, RENEE, US
[72] AGRAWAL, NEERAJ, US
[72] BATES, DARREN L., US
[72] CLAVETTE, BRANDON C. P., CA
[72] FOLTZ, IAN N., CA
[72] HO, SHU-YIN, US
[72] MURAWSKY, CHRISTOPHER, CA
[72] MIN, XIAOSHAN, US
[72] WANG, ZHULUN, US
[71] AMGEN INC., US
[85] 2018-06-22
[86] 2016-12-21 (PCT/US2016/068138)
[87] (WO2017/112824)
[30] US (62/387,486) 2015-12-23
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[54] **SEQUENCING DEVICE**

[54] **DISPOSITIF DE SEQUENCAGE**

[72] VIJAYAN, KANDASWAMY, US
[72] ABASHIN, MAXIM, US
[72] ZHANG, YI, US
[72] KAHATT, ESPIR, US
[72] WILSON, KERRY, US
[71] OMNIOME, INC., US
[85] 2018-06-22
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[30] US (62/273,346) 2015-12-30

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[54] **METHODS FOR ENHANCING THE PRESERVATION OF CELLULOSIC MATERIALS AND CELLULOSIC MATERIALS PREPARED THEREBY**

[54] **PROCEDES POUR AMELIORER LA PRESERVATION DE MATERIAUX CELLULOSIQUES ET MATERIAUX CELLULOSIQUES PREPARES PAR CELUI-CI**

[72] BRIMHALL, DANIEL, US
[71] AMERICAN CHEMET CORPORATION, US
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[86] 2016-12-22 (PCT/US2016/068240)
[87] (WO2017/112848)
[30] US (62/387,321) 2015-12-23
[30] US (62/372,067) 2016-08-08

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[51] Int.Cl. F17C 7/00 (2006.01) F17C 13/04 (2006.01)

[25] EN

[54] **REDUCING PRESSURE OF COMPRESSED GAS FROM A STORAGE TANK**

[54] **REDUCTION DE PRESSION DE GAZ COMPRI ME D'UN RESERVOIR DE STOCKAGE**

[72] COLLINS, CHRISTOPHER JOSEPH, US
[72] GALINDO, EMMANUEL G., US
[72] LAU, DAISY YUEN, US
[72] MAZUMDAR, ANINDRA, US
[72] MULLEN, GARRICK GERALD, US
[72] PLUMMER, MAE ALANE, US
[71] GE OIL & GAS, INC., US
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[86] 2016-12-27 (PCT/US2016/068666)
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[30] US (62/271,237) 2015-12-27
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[51] Int.Cl. G05B 23/00 (2006.01) G05B 23/02 (2006.01) G21C 17/00 (2006.01)

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[54] **APPARATUS AND METHOD FOR SAFETY ANALYSIS EVALUATION WITH DATA-DRIVEN WORKFLOW**

[54] **APPAREIL ET PROCEDE D'EVALUATION D'ANALYSE DE SECURITE A FLUX DE TRAVAIL PILOTE PAR DES DONNEES**

[72] MORGAN, SIMONE H., US
[72] MARTIN, ROBERT P., US
[71] BWXT MPOWER, INC., US
[85] 2018-06-22
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[25] EN
[54] ANTIPERSPIRANT COMPOSITION
[54] COMPOSITION ANTITRANSPIRANTE
[72] DIHORA, JITEN ODHAVJI, US
[72] NIJAKOWSKI, TIMOTHY ROY, US
[72] CETTI, JONATHAN ROBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-06-22
[86] 2017-01-04 (PCT/US2017/012076)
[87] (WO2017/120152)
[30] US (14/989,610) 2016-01-06

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[51] Int.Cl. A61K 39/02 (2006.01) A61K 39/12 (2006.01)
[25] EN
[54] M HYO MULTIVALENT VACCINE AND USES THEREOF
[54] VACCIN MULTIVALENT CONTRE M. HYO ET SES UTILISATIONS
[72] WILSON, KEITH, US
[72] LAWRENCE, PAULRAJ, US
[71] MERIAL, INC., US
[85] 2018-06-22
[86] 2016-12-14 (PCT/US2016/066481)
[87] (WO2017/116698)
[30] US (62/272,017) 2015-12-28

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[51] Int.Cl. A45C 11/04 (2006.01)
[25] EN
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[54] BOITE DE PRESENTATION DE PIERRE PRECIEUSE
[72] DIDUR, DAVID F., CA
[71] FINESSE DIAMOND CORP., US
[85] 2018-06-22
[86] 2017-01-06 (PCT/US2017/012488)
[87] (WO2017/120441)
[30] US (14/991,214) 2016-01-08

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[13] A1
[51] Int.Cl. E21B 17/10 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR WELLBORE CENTRALIZATION
[54] PROCEDE ET APPAREIL POUR LA CENTRALISATION D'UN Puits DE FORAGE
[72] ROBICHAUX, RON D., US
[72] HIEBERT, JOHN E., US
[72] SCOTT, SCOTTIE J., US
[71] BLACKHAWK SPECIALTY TOOLS, LLC, US
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[30] US (62/276,346) 2016-01-08

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[51] Int.Cl. H04L 29/06 (2006.01)
[25] EN
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[54] SYSTEMES ET PROCEDES DE FOURNITURE DE PUSH POUR DISPOSITIF
[72] CHANDOOR, MADHURI, US
[72] CHITALIA, JALPESH, US
[72] PETKOV, GUEORGUI, US
[72] NOSSER, MOHAMED, US
[72] BANSAL, PARVEEN, US
[72] BELLENGER, THOMAS, US
[72] LAW, SIMON, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[87] (WO2017/120605)
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[54] STOCKAGE DE MATIERES DANGEREUSES DANS UNE FORMATION SOUTERRAINE
[72] MULLER, RICHARD A., US
[72] MULLER, ELIZABETH, US
[71] DEEP ISOLATION, INC., US
[85] 2018-06-22
[86] 2016-12-14 (PCT/US2016/066539)
[87] (WO2017/112479)
[30] US (14/998,232) 2015-12-24

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[13] A1
[51] Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) C07K 14/705 (2006.01)
[25] EN
[54] MULTIVALENT AND MULTISPECIFIC 41BB-BINDING FUSION PROTEINS
[54] PROTEINES DE FUSION SE LIANT A G1TR MULTIVALENTES ET MULTISPECIFIQUES
[72] ECKELMAN, BRENDAN P., US
[72] TIMMER, JOHN C., US
[72] HATA, CHELSIE, US
[72] JONES, KYLE S., US
[72] HUSSAIN, ABRAHIM, US
[72] RAZAI, AMIR S., US
[72] BECKLUND, BRYAN, US
[72] PANDIT, RAJAY, US
[72] KAPLAN, MIKE, US
[72] RASON, LUCAS, US
[72] DEVERAUX, QUINN, US
[71] INHIBRX, INC., US
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[54] **FLOOR CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE DE SOL**

[72] CHUDKOSKY, FRANK, US
[71] DIVERSEY, INC., US
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[30] US (62/279,675) 2016-01-16

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[54] **LIBERATION MODULEE DE COMPOSITIONS VOLATILES AVEC APPLICATION DE FAIBLE ENERGIE**

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[72] MEHNERT, ERIC, US
[72] MCKAY, NICHOLAS D., US
[72] MARE, DANIEL S., US
[72] BECKETT, RAQUEL, US
[71] ENVIROSCENT, INC., US
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[54] **USE OF LONG-TERM FASTING MIMICKING AS DIETARY TREATMENT FOR MULTIPLE MYELOMA AND OTHER CANCERS**
[54] **UTILISATION D'UN JEUNE DE LONGUE DUREE IMITANT UN TRAITEMENT ALIMENTAIRE POUR LE MYELOME MULTIPLE ET AUTRES CANCERS**

[72] LONGO, VALTER D., US
[72] WRIGHT, WOODRING E., US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2018-06-22
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[54] **SPECULUM AVEC BECS SECONDAIRES**

[72] VELLA, ETHAN, US
[72] NAIGAMWALLA, DARIUS, US
[72] SELF, FAITI, US
[72] LALLI, MARIA, US
[72] THOMPSON, CHASE, US
[71] CEEK ENTERPRISES, US
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[87] (WO2017/117308)
[30] US (62/272,613) 2015-12-29
[30] US (62/272,625) 2015-12-29
[30] US (62/281,685) 2016-01-21
[30] US (62/281,699) 2016-01-21
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[54] **SLEEVE FOR SPECULUM AND USE THEREOF**
[54] **MANCHON POUR SPECULUM ET SON UTILISATION**

[72] LALLI, MARIA, US
[72] NAIGAMWALLA, DARIUS, US
[72] SELF, FAITI, US
[71] CEEK ENTERPRISES, US
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[87] (WO2017/117313)
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[54] **PRODUITS DE LAIT HUMAIN UTILES EN SOINS PRE- ET POST-OPERATOIRES**

[72] ELSTER, SCOTT, US
[72] FOURNELL, JOSEPH, US
[71] PROLACTA BIOSCIENCE INC., US
[85] 2018-06-22
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[25] EN
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[54] APPAREIL BRULEUR A FAIBLE PRODUCTION DE NOX ET PROCEDE
[72] ZINK, DARTON J., US
[72] ISAACS, REX K., US
[72] BARNES, JONATHAN, US
[72] IMEL, PARKER, US
[72] MARTY, SETH, US
[72] LITTLE, CODY, US
[72] McDONALD, JOHN, US
[71] ZEECO, INC., US
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[54] INHIBITEURS DE LA TYROSINE KINASE DE BRUTON
[72] LIAO, XIBIN, US
[72] LI, JIA, CN
[72] LU, ZHIJIAN, US
[72] ZHOU, YUBO, CN
[72] GAO, ANHUI, CN
[71] ZIBO BIOPOLAR CHANGSHENG PHARMACEUTICAL CO. LTD., CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
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[54] MICROCAPSULES FORMEES A PARTIR D'ESTERS DE PHOSPHATE ET D'IONS MULTIVALENTS, ET COMPOSITIONS LES CONTENANT
[72] DIHORA, JITEN ODHAVJI, US
[72] NIJAKOWSKI, TIMOTHY ROY, US
[72] CETTI, JONATHAN ROBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[51] Int.Cl. E21B 7/24 (2006.01)
[25] EN
[54] DOWNHOLE EXTENDED REACH TOOL AND METHOD
[54] PROCEDE ASSOCIE A UN OUTIL DE FOND DE Puits A LONGUE PORTEE
[72] VON GYNZ-REKOWSKI, GUNTHER HIL, US
[72] KOENIS, RUSSELL, US
[72] WILLIAMS, MICHAEL V., US
[72] RUDY, KEVIN J., US
[71] ASHMIN HOLDING LLC, US
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[54] ACCEPTATION D'AUTHENTIFIANTS D'EMETTEUR AU NIVEAU D'UNE CAISSE
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[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[25] EN
[54] DAMPING AIR SPRING WITH ASYMMETRICALLY SHAPED ORIFICE
[54] RESSORT PNEUMATIQUE D'AMORTISSEMENT A ORIFICE DE FORME ASYMETRIQUE
[72] DELORENZIS, DAMON, US
[72] PATTERSON, JAMES J., US
[72] RUBALSKIY, DMITRIY, US
[71] HENDRICKSON USA, L.L.C., US
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[54] JOINT D'ETANCHEITE JAILLISSANT USINE
[72] STUDDT, NICHOLAS K., US
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[72] FALKENBERG, BRANDON K., US
[72] TURNER, JOHN W., US
[71] GRACO MINNESOTA INC., US
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[54] **SYSTEME ET PROCEDE DE SYNCHRONISATION EN TEMPS REEL DE CONTENU MULTIMEDIA PAR L'INTERMEDIAIRE DE DISPOSITIFS MULTIPLES ET DE SYSTEMES DE HAUT-PARLEURS**
[72] FERRER, JULIO, US
[71] FERRER, JULIO, US
[85] 2018-06-22
[86] 2017-03-24 (PCT/US2017/024121)
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[25] EN
[54] **DAMPING AIR SPRING WITH DYNAMICALLY VARIABLE ORIFICE**
[54] **RESSORT PNEUMATIQUE D'AMORTISSEMENT A ORIFICE VARIABLE DE MANIERE DYNAMIQUE**
[72] DELORENZIS, DAMON, US
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[87] (WO2017/147038)
[30] US (62/298,671) 2016-02-23

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[25] EN
[54] **LUBRICANT PRESS, LUBRICANT PRESS KIT, AND USE OF A CARTRIDGE IN CASE OF A LUBRICANT PRESS**
[54] **PRESSE DE LUBRIFIANT, ENSEMBLE DE PRESSES DE LUBRIFIANT ET UTILISATION D'UNE CARTOUCHE DANS UNE PRESSE DE LUBRIFIANT**
[72] SCHLENKER, RUDOLF, CH
[71] PRESSOL - SCHMIERGERATE GESELL.SCHAFT MIT BESCHRANKTER HAFTUNG, DE
[85] 2018-06-26
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[25] EN
[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] CHAKRABARTI, AJAY, US
[72] BALSLEY, ERIC, US
[72] APPY, JACQUES, FR
[72] STAMPER, SYLVAIN, FR
[72] ALFONSI, FREDERIC, US
[72] PAINCHAUD, GAETAN, US
[72] KUNTZER, NICOLAS, FR
[71] PHARMA CONSULT GES.M.B.H., AT
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[54] **CONTENT POLICY DISCOVERY**
[54] **DECOUVERTE DE POLITIQUE DE CONTENU**
[72] ERB, JEREMY, CA
[71] NETSWEEPER (BARBADOS) INC., BB
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[30] US (62/216,880) 2015-09-10

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[13] A1

[51] **Int.Cl. B01F 5/10 (2006.01) B01F 3/08 (2006.01)**
[25] EN
[54] **BIFURCATING MIXERS AND METHODS OF THEIR USE AND MANUFACTURE**
[54] **MELANGEURS A BIFURCATION ET LEURS PROCEDES D'UTILISATION ET DE FABRICATION**
[72] WILD, ANDRE, CA
[72] LEAVER, TIMOTHY, CA
[72] TAYLOR, ROBERT JAMES, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2018-06-26
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[30] US (62/275,630) 2016-01-06

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[54] **NOISE-CANCELLING FILTER FOR VIDEO IMAGES**
[54] **FILTRE D'ANNULATION DE BRUIT POUR DES IMAGES VIDEO**
[72] THUROW, CHRISTIAN TIM, DE
[72] SAURIOL, ALEX, CA
[72] CHEIKH, MOODIE, CA
[71] SEARIDGE TECHNOLOGIES INC., CA
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[30] US (62/263,122) 2015-12-04

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[51] **Int.Cl. H04W 4/02 (2018.01)**
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[54] **INFORMATION PROCESSING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'INFORMATIONS**
[72] GAN, YUANLI, CN
[72] HAO, HUAQI, CN
[72] WANG, CHENGLU, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-06-26
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[51] **Int.Cl. A61M 31/00 (2006.01) A61D 7/00 (2006.01) A61F 6/14 (2006.01) A61K 9/00 (2006.01) A61K 47/32 (2006.01) A61L 27/16 (2006.01) A61L 27/50 (2006.01) A61L 27/54 (2006.01) A61L 31/14 (2006.01) A61L 31/16 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **DRUG RELEASE DEVICE AND USE**
[54] **DISPOSITIF DE LIBERATION DE MEDICAMENT ET UTILISATION**
[72] SIMPSON, GRAHAM, AU
[72] LOGAN, PAUL, AU
[72] GRAHAM, JANEASE, AU
[72] RANASINGHE, RANE, AU
[71] JUROX PTY LTD, AU
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[51] **Int.Cl. C07D 235/18 (2006.01) B01D 61/00 (2006.01) C08G 61/10 (2006.01) C25B 11/04 (2006.01) H01M 4/86 (2006.01)**
[25] EN
[54] **POLY(PHENYLENE) AND M-TERPHENYL AS PROTECTING GROUPS FOR BENZIMIDAZOLIUM HYDROXIDES**
[54] **POLY(PHENYLENE) ET M-TERPHENYLE COMME GROUPES PROTECTEURS D'HYDROXYDES DE BENZIMIDAZOLIUM**
[72] WRIGHT, ANDREW, CA
[72] HOLDCROFT, STEVEN, CA
[71] SIMON FRASER UNIVERSITY, CA
[85] 2018-06-26
[86] 2017-01-06 (PCT/CA2017/050013)
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[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR TRANSMITTING AND RECEIVING UPLINK INFORMATION**
[54] **PROCEDES ET APPAREILS POUR EMETTRE ET RECEVOIR DES INFORMATIONS DE LIAISON MONTANTE**
[72] GAO, YUKAI, CN
[72] JIANG, CHUANGXIN, CN
[72] SUN, ZHENNIAN, CN
[72] WANG, GANG, CN
[71] NEC CORPORATION, JP
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[25] EN
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[54] **AGREGAT DE GENES DE BIOSYNTHESE DE LA CARRIMYCINE**
[72] WANG, YIGUANG, CN
[72] JANG, YANG, CN
[72] ZHAO, XIAOFENG, CN
[72] HE, WEIQING, CN
[72] DAI, JIANLU, CN
[71] SHENYANG FUYANG PHARMACEUTICAL TECHNOLOGY CO., LTD., CN
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[30] CN (201511028754.9) 2015-12-31

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[13] A1
[51] **Int.Cl. H02P 6/04 (2016.01) F24F 11/00 (2018.01)**
[25] EN
[54] **CONSTANT AIR VOLUME CONTROL METHOD FOR AN AIR SUPPLY DEVICE DRIVEN BY MULTIPLE MOTORS**
[54] **PROCEDE DE COMMANDE DE VOLUME D'AIR CONSTANT POUR UN DISPOSITIF D'ALIMENTATION EN AIR ENTRAINE PAR PLUSIEURS MOTEURS**
[72] SUN, HAIRONG, CN
[72] WU, JIPENG, CN
[71] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
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[54] **UNMANNED AERIAL VEHICLE TAKE-OFF AND LANDING CONTROL SYSTEM AND CONTROL METHOD**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE DECOLLAGE ET D'ATTERRISSAGE D'AERONEF SANS PILOTE**
[72] HU, TENGFEI, CN
[71] GOERTEK TECHNOLOGY CO., LTD., CN
[85] 2018-06-26
[86] 2016-12-22 (PCT/CN2016/111573)
[87] (WO2017/114295)
[30] CN (201511014413.6) 2015-12-31

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[25] EN
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[54] **THERAPIES A BASE DE CELLULES EFFECTRICES IMMUNITAIRES DOTEES D'UNE EFFICACITE ACCRUE**
[72] MOTZ, GREGORY, US
[72] MAVRAKIAS, KONSTANTINOS JOHN, US
[72] LIU, JINBIAO, CN
[72] LIU, LEI, CN
[72] ZHENG, QIANGANG, CN
[72] XUN, GUOLIANG, CN
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[71] NOVARTIS AG, CH
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[25] EN
[54] **SPACE NETWORK NODE RECEIVING DATA FROM TERRESTRIAL AND SPACE NODES**
[54] **NŌUD DE RESEAU SPATIAL RECEVANT DES DONNEES DE NŌUDS TERRESTRES ET SPATIAUX**
[72] IRANI, SHAHRUZI, GB
[71] AIRBUS DEFENCE AND SPACE LIMITED, GB
[85] 2018-06-26
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[30] EP (15275022.0) 2015-01-20

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[25] EN
[54] **BUSBAR AND BATTERY MODULE HAVING SUCH A BUSBAR**
[54] **BARRE CONDUCTRICE ET MODULE DE BATTERIE POURVU D'UNE TELLE BARRE CONDUCTRICE**
[72] REINGRUBER, MARTIN, AT
[72] JENNER-BRAUNSCHMIED, EDMUND, AT
[71] NORDFELS GMBH, AT
[85] 2018-06-26
[86] 2016-08-31 (PCT/EP2016/070557)
[87] (WO2017/088996)
[30] EP (15196147.1) 2015-11-24

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[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **MULTICOMPONENT INTRAOCULAR LENS**
[54] **LENTILLE INTRAOCULAIRE A COMPOSANTS MULTIPLES**
[72] WERBLIN, TED, US
[72] KUHN, PHILIPPE, FR
[71] INFINITIVISION OPTICS, FR
[85] 2018-06-26
[86] 2016-01-05 (PCT/EP2016/050081)
[87] (WO2016/110489)
[30] EP (15150142.6) 2015-01-06

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[13] A1

[51] **Int.Cl. C07D 277/42 (2006.01) A61P 17/06 (2006.01)**
[25] EN
[54] **NOVEL CRYSTALLINE FORMS OF SELECTIVE SIPI RECEPTOR MODULATOR AND PREPARATION METHOD THEREOF**
[54] **NOUVELLE FORME CRISTALLINE D'AGONISTE SELECTIF DU RECEPTEUR SIPI ET SON PROCEDE DE PREPARATION**
[72] CHEN, MINHUA, CN
[72] ZHANG, YANFENG, CN
[72] LI, JIAOYANG, CN
[72] ZHANG, XIAOYU, CN
[71] CRYSTAL PHARMATECH CO., LTD., CN
[85] 2018-06-26
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[87] (WO2017/107972)
[30] CN (201510993103.7) 2015-12-25

[21] **3,009,714**
[13] A1

[51] **Int.Cl. B60N 3/04 (2006.01) A47G 27/02 (2006.01) D01D 5/253 (2006.01) D04H 1/45 (2006.01) D04H 1/46 (2012.01) D04H 1/48 (2012.01) D04H 11/08 (2006.01) D06N 7/00 (2006.01)**
[25] EN
[54] **EVENT OR EXHIBITION CARPET WITH SOLID MULTILOBAL FIBRE**
[54] **TAPIS POUR EVENEMENT OU EXPOSITION A FIBRES MULTILOBEES SOLIDES**
[72] DE SMET, ANNELEEN, BE
[72] BEUN, GILLIS, BE
[71] BEAULIEU INTERNATIONAL GROUP NV, BE
[85] 2018-06-26
[86] 2016-12-23 (PCT/EP2016/082655)
[87] (WO2017/114807)
[30] BE (2015/5854) 2015-12-30

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[13] A1
[51] Int.Cl. C12N 9/22 (2006.01) C12N 15/113 (2010.01) C12N 15/10 (2006.01)
[25] EN
[54] VECTOR-FREE DELIVERY OF GENE EDITING PROTEINS AND COMPOSITIONS TO CELLS AND TISSUES
[54] ADMINISTRATION SANS VECTEUR DE PROTEINES ET DE COMPOSITIONS D'EDITION DE GENES DANS DES CELLULES ET DES TISSUS
[72] MAGUIRE, MICHAEL, IE
[72] O'DEA, SHIRLEY, IE
[71] AVECTAS LIMITED, IE
[85] 2018-06-26
[86] 2016-12-22 (PCT/IB2016/001895)
[87] (WO2017/115128)
[30] US (62/273,284) 2015-12-30

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[51] Int.Cl. C12Q 1/68 (2018.01)
[25] EN
[54] GENERIC METHOD FOR THE STABILIZATION OF SPECIFIC RNA
[54] PROCEDE GENERIQUE DE STABILISATION D'ARN SPECIFIQUE
[72] GUPTA, AMAR, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-06-26
[86] 2016-12-27 (PCT/EP2016/082696)
[87] (WO2017/114823)
[30] US (62/271,614) 2015-12-28

[21] 3,009,717
[13] A1
[51] Int.Cl. F16C 33/12 (2006.01) F16C 11/04 (2006.01)
[25] EN
[54] CORROSION RESISTANT BUSHING INCLUDING METAL MESH
[54] DOUILLE RESISTANT A LA CORROSION COMPRENANT UN TREILLIS METALLIQUE
[72] HARTMANN, JUERGEN, DE
[71] SAINT-GOBAIN PERFORMANCE PLASTICS PAMPUS GMBH, DE
[85] 2018-06-26
[86] 2016-12-30 (PCT/EP2016/082927)
[87] (WO2017/114952)
[30] US (62/273,634) 2015-12-31

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[13] A1
[51] Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 19/00 (2006.01) C12N 5/22 (2006.01)
[25] EN
[54] ANTI-CD37 CHIMERIC ANTIGEN RECEPTORS AND IMMUNE CELLS EXPRESSING THEM
[54] RECEPTEURS ANTIGENIQUES CHIMERIQUES ANTI-CD37 ET CELLULES IMMUNITAIRES LES EXPRIMANT
[72] SMELAND, ERLEND, NO
[72] WALCHLI, SEBASTIEN, NO
[72] KVALHEIM, GUNNAR, NO
[72] HOLTE, HARALD, NO
[72] MYKLEBUST, JUNE HELEN, NO
[72] FUNDERUD, STEINAR, NO
[72] INDERBERG, ELSE MARIT, NO
[71] OSLO UNIVERSITETSSYKEHUS HF, NO
[85] 2018-06-26
[86] 2017-01-06 (PCT/EP2017/050285)
[87] (WO2017/118745)
[30] GB (1600328.7) 2016-01-08

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[51] Int.Cl. H02M 1/12 (2006.01) H02M 7/493 (2007.01)
[25] EN
[54] OUTPUT FILTER FOR A POWER CONVERSION SYSTEM AND POWER CONVERSION SYSTEM
[54] FILTRE DE SORTIE POUR UN SYSTEME DE CONVERSION DE PUISSANCE ET SYSTEME DE CONVERSION DE PUISSANCE
[72] PETRI ORTEGA, ALBERTO, ES
[72] GIRONES REMIREZ, CARLOS, ES
[71] INGETEAM POWER TECHNOLOGY, S.A., ES
[85] 2018-06-26
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[87] (WO2017/114980)

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[51] Int.Cl. B25J 9/00 (2006.01)
[25] FR
[54] BACK PORTION FOR AN EXOSKELETON STRUCTURE
[54] MODULE DE DOS POUR UNE STRUCTURE D'EXOSQUELETTE
[72] GRENIER, JORDANE, FR
[72] BAPTISTA, JONATHAN, FR
[72] THIEFFRY, ROLAND, FR
[72] VAURE, ALEXANDRE, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
[71] B-TEMIA INC., CA
[85] 2018-06-22
[86] 2016-12-23 (PCT/EP2016/082604)
[87] (WO2017/109202)
[30] FR (1563350) 2015-12-24

[21] 3,009,722
[13] A1
[51] Int.Cl. G01S 7/497 (2006.01)
[25] EN
[54] INTRINSIC STATIC NOISE CHARACTERIZATION AND REMOVAL
[54] CARACTERISATION ET ELIMINATION DE BRUIT STATIQUE INTRINSEQUE
[72] GIDEL, SAMUEL, CA
[72] SIMARD-BILODEAU, VINCENT, CA
[71] LEDDARTECH INC., CA
[85] 2018-06-26
[86] 2016-12-22 (PCT/IB2016/057957)
[87] (WO2017/115247)
[30] US (62/271,727) 2015-12-28

[21] 3,009,723
[13] A1
[51] Int.Cl. G06Q 50/10 (2012.01) G06Q 40/04 (2012.01)
[25] EN
[54] SHAREHOLDER COURTESY SYSTEM
[54] SYSTEME DE PRIORITE D'ACTIONNAIRES
[72] HOKAZONO, YASUNORI, JP
[71] 10353744 CANADA LTD., CA
[85] 2018-06-26
[86] 2014-12-26 (PCT/JJP2014/084627)
[87] (WO2016/103488)

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[13] A1

[51] **Int.Cl. E04D 13/14 (2006.01) B32B 3/26 (2006.01) B32B 15/08 (2006.01) B32B 15/085 (2006.01) B32B 15/095 (2006.01) B32B 15/098 (2006.01) B32B 15/20 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) B32B 27/40 (2006.01) B32B 27/42 (2006.01)**

[25] EN

[54] **CONSTRUCTION MATERIAL**

[54] **MATERIAU DE CONSTRUCTION**

[72] BATENBURG, LAWRENCE FABIAN, NL

[72] VAN TILBURG, HENRICUS JOHANNES MARIA, NL

[71] REDEAHOLD APELDOORN B.V., NL

[85] 2018-06-26

[86] 2015-12-28 (PCT/NL.2015/050911)

[87] (WO2016/108686)

[30] EP (14200418.3) 2014-12-29

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[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF HEMOGLOBINOPATHIES**

[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D'HEMOGLOBINOPATHIES**

[72] BOITANO, ANTHONY EDWARD, US

[72] COOKE, MICHAEL, US

[72] KLINKSTEIN, LLOYD B., US

[72] LESCARBEAU, REYNALD, US

[72] MICKANIN, CRAIG STEPHEN, US

[72] MULUMBA, KABUNGO, US

[72] POLICE, SESHIDHAR REDDY, US

[72] SNEAD, JENNIFER, US

[72] STEVENSON, SUSAN C., US

[72] STEWART, MORAG, US

[72] YANG, YI, US

[71] NOVARTIS AG, CH

[71] INTELLIA THERAPEUTICS, INC., US

[85] 2018-06-26

[86] 2016-12-26 (PCT/IB2016/058007)

[87] (WO2017/115268)

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[13] A1

[51] **Int.Cl. H04W 16/14 (2009.01) H04W 72/04 (2009.01) H04W 92/24 (2009.01)**

[25] EN

[54] **COMMUNICATION CONTROL DEVICE, COMMUNICATION CONTROL METHOD, PROGRAM, AND WIRELESS COMMUNICATION DEVICE**

[54] **DISPOSITIF DE COMMANDE DE COMMUNICATION, PROCEDE DE COMMANDE DE COMMUNICATION, PROGRAMME ET DISPOSITIF DE COMMANDE SANS FIL**

[72] FURUICHI, SHO, JP

[71] SONY CORPORATION, JP

[85] 2018-06-26

[86] 2016-10-27 (PCT/JP2016/081951)

[87] (WO2017/130494)

[30] JP (2016-013282) 2016-01-27

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[13] A1

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[25] EN

[54] **APPARATUS AND METHOD**

[54] **DISPOSITIF ET PROCEDE**

[72] YOSHIZAWA, ATSUSHI, JP

[71] SONY CORPORATION, JP

[85] 2018-06-26

[86] 2016-11-29 (PCT/JP2016/085292)

[87] (WO2017/145477)

[30] JP (2016-031394) 2016-02-22

[21] **3,009,731**
[13] A1

[51] **Int.Cl. G06Q 20/38 (2012.01)**

[25] EN

[54] **SECURE MULTIPARTY LOSS RESISTANT STORAGE AND TRANSFER OF CRYPTOGRAPHIC KEYS FOR BLOCKCHAIN BASED SYSTEMS IN CONJUNCTION WITH A WALLET MANAGEMENT SYSTEM**

[54] **STOCKAGE SECURISE RESISTANT A UNE PERTE MULTIPARTITE ET TRANSFERT DE CLES CRYPTOGRAPHIQUES POUR DES SYSTEMES BASES SUR UNE CHAINE DE BLOCS CONJOINTEMENT AVEC UN SYSTEME DE GESTION DE PORTEFEUILLE**

[72] WRIGHT, CRAIG STEVEN, GB

[72] SAVANAH, STEPHANE, GB

[71] NCHAIN HOLDINGS LIMITED, AG

[85] 2018-06-26

[86] 2017-02-14 (PCT/IB2017/050829)

[87] (WO2017/145010)

[30] GB (1603117.1) 2016-02-23

[30] GB (1605026.2) 2016-03-24

[30] GB (1619301.3) 2016-11-15

[21] **3,009,732**
[13] A1

[51] **Int.Cl. C25B 15/00 (2006.01) C25B 1/10 (2006.01) C25B 11/06 (2006.01) C25B 11/08 (2006.01) C25B 15/08 (2006.01)**

[25] EN

[54] **METHOD FOR ELECTROLYZING ALKALINE WATER**

[54] **PROCEDE D'ELECTROLYSE D'EAU ALCALINE**

[72] MANABE, AKIYOSHI, JP

[71] DE NORA PERMELEC LTD, JP

[85] 2018-06-26

[86] 2016-12-22 (PCT/JP2016/088293)

[87] (WO2017/115709)

[30] JP (2015-256496) 2015-12-28

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[13] A1

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 [25] EN
 [54] OINTMENT
 [54] POMMADE
 [72] MURAKAMI, YOSHIHIRO, JP
 [72] MATSUSHITA, HITOSHI, JP
 [72] MATSUMOTO, KENGO, JP
 [72] OKADA, MINORU, JP
 [72] YUKI, YOHEI, JP
 [72] KOYAMA, NORIYUKI, JP
 [72] KANAI, NAOHICO, JP
 [71] OTSUKA PHARMACEUTICAL CO., LTD., JP
 [85] 2018-06-26
 [86] 2016-12-27 (PCT/JP2016/088843)
 [87] (WO2017/115780)
 [30] JP (2015-256784) 2015-12-28

[21] 3,009,735

[13] A1

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 [25] EN
 [54] AUTO INJECTOR WITH CARTRIDGE RETENTION SYSTEM
 [54] INJECTEUR AUTOMATIQUE A SYSTEME DE RETENUE DE CARTOUCHES
 [72] FABRICIUS, PAUL ERIK, DK
 [72] MADSEN, FLEMMING, DK
 [72] OLESEN, JAN, DK
 [71] ASCENDIS PHARMA A/S, DK
 [85] 2018-06-26
 [86] 2016-12-29 (PCT/EP2016/082856)
 [87] (WO2017/114907)
 [30] EP (15203132.4) 2015-12-30
 [30] EP (15203137.3) 2015-12-30

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 [25] EN
 [54] WATER-BASED BARRIER COATINGS
 [54] REVETEMENTS A BASE D'EAU FORMENT UNE BARRIERE
 [72] TURKKI, TARJA, FI
 [72] I.I. SAI, FI
 [72] AHLGREN, JONNI, FI
 [71] KEMIRA OYJ, FI
 [85] 2018-06-26
 [86] 2016-12-28 (PCT/FI2016/050928)
 [87] (WO2017/115009)
 [30] FI (20156036) 2015-12-31

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[13] A1

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 [25] EN
 [54] DIAGNOSIS OF UNSTABLE ANGINA
 [54] DIAGNOSTIC DE L'ANGOR INSTABLE
 [72] PEMBERTON, CHRISTOPHER JOSEPH, NZ
 [72] RICHARDS, ARTHUR MARK, NZ
 [71] UPSTREAM MEDICAL TECHNOLOGIES LIMITED, NZ
 [85] 2018-06-26
 [86] 2016-12-23 (PCT/NZ2016/050207)
 [87] (WO2017/116239)
 [30] US (62/271,928) 2015-12-28

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[13] A1

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 [25] EN
 [54] RISER SYSTEM
 [54] SYSTEME DE COLONNE MONTANTE
 [72] HATTON, STEPHEN ANTHONY, GB
 [71] MAGMA GLOBAL LIMITED, GB
 [85] 2018-06-26
 [86] 2015-12-31 (PCT/GB2015/054179)
 [87] (WO2016/116731)
 [30] GB (1500881.6) 2015-01-19

[21] 3,009,740

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- [51] Int.Cl. G01N 33/574 (2006.01) C07K 16/26 (2006.01) C07K 16/30 (2006.01)
 [25] EN
 [54] COMPOSITIONS AND METHODS FOR DETECTING AND TREATING GASTRIC CANCER
 [54] COMPOSITIONS ET METHODES POUR DEPISTER ET TRAITER LE CANCER GASTRIQUE
 [72] PRIEUR, ALEXANDRE, FR
 [71] PROGASTRINE ET CANCERS S.A R.L., LU
 [85] 2018-06-26
 [86] 2017-01-02 (PCT/EP2017/050036)
 [87] (WO2017/114975)
 [30] EP (15307191.5) 2015-12-31
 [30] EP (16305131.1) 2016-02-05

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[13] A1

- [51] Int.Cl. A61K 31/095 (2006.01)
 [25] EN
 [54] PERSONAL CARE COMPOSITIONS
 [54] COMPOSITIONS DE SOINS PERSONNELS
 [72] REED, JESSE, US
 [72] KOZUBAL, CHERYL, US
 [72] HOLERCA, NICK, US
 [71] COLGATE-PALMOLIVE COMPANY, US
 [85] 2018-06-26
 [86] 2015-12-31 (PCT/US2015/068233)
 [87] (WO2017/116458)

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[13] A1

[51] **Int.Cl. C10G 45/08 (2006.01) B01J 23/745 (2006.01) B01J 23/882 (2006.01) B01J 23/883 (2006.01) B01J 23/888 (2006.01) B01J 29/70 (2006.01) B01J 29/78 (2006.01) B01J 29/89 (2006.01) C10G 11/18 (2006.01) C10G 45/58 (2006.01) C10G 65/02 (2006.01) C10G 65/04 (2006.01) C10G 65/12 (2006.01) C10G 67/04 (2006.01) C10G 69/04 (2006.01) C10G 73/10 (2006.01) C10G 73/12 (2006.01) C10G 73/44 (2006.01) C10M 101/02 (2006.01)**

[25] EN

[54] **LUBRICANT BASE STOCK PRODUCTION FROM DISADVANTAGED FEEDS**

[54] **PRODUCTION D'HUILE DE BASE LUBRIFIANTE A PARTIR DE CHARGES DESAVANTAGEES**

[72] POWERS, CORRY S., US

[72] GONG, LIEZHONG, US

[72] VAUGHN, NICOLE D., US

[72] GOODING, BEATRICE M., US

[72] FRUCHEY, KENDALL S., US

[72] JOSECK, ERIC D., US

[72] SONNENTRUCKER, MARC, FR

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

[85] 2018-06-26

[86] 2016-12-16 (PCT/US2016/067173)

[87] (WO2017/116756)

[30] US (62/271,455) 2015-12-28

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[13] A1

[51] **Int.Cl. B01D 45/08 (2006.01)**

[25] EN

[54] **COLLECTOR MODULE AND A PARTICLE TRAP ARRANGED WITH AT LEAST ONE COLLECTOR MODULE**

[54] **MODULE COLLECTEUR ET PIEGE A PARTICULES AGENCE AVEC AU MOINS UN MODULE COLLECTEUR**

[72] NORMAN, CONNY, SE

[71] NORMAN, CONNY, SE

[85] 2018-06-26

[86] 2016-11-24 (PCT/SE2016/051167)

[87] (WO2017/116295)

[30] SE (1530201-1) 2015-12-28

[21] 3,009,745
[13] A1

[51] **Int.Cl. B01J 23/42 (2006.01) B01J 23/44 (2006.01) B01J 29/00 (2006.01) B01J 29/03 (2006.01) B01J 29/04 (2006.01) B01J 35/00 (2006.01) B01J 37/02 (2006.01) B01J 37/08 (2006.01) C10G 45/10 (2006.01) C10G 45/12 (2006.01) C10G 45/62 (2006.01) C10G 45/64 (2006.01) C10G 65/04 (2006.01)**

[25] EN

[54] **SEQUENTIAL IMPREGNATION OF A POROUS SUPPORT FOR NOBLE METAL ALLOY FORMATION**

[54] **IMPREGNATION SEQUENTIELLE D'UN SUPPORT POREUX AFIN DE FORMER UN ALLIAGE DE METAUX NOBLES**

[72] IDE, MATTHEW S., US

[72] MCCARTHY, STEPHEN J., US

[72] SCHLEICHER, GARY P., US

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

[85] 2018-06-26

[86] 2016-12-16 (PCT/US2016/067175)

[87] (WO2017/116757)

[30] US (62/271,499) 2015-12-28

[21] 3,009,746
[13] A1

[51] **Int.Cl. A61K 9/107 (2006.01) A61K 38/13 (2006.01)**

[25] EN

[54] **CYCLOSPORINE A TOPICAL COMPOSITIONS**

[54] **COMPOSITIONS TOPIQUES DE CYCLOSPORINE A**

[72] SALMAN, HESHAM H.A., ES

[72] ESPARZA CATALAN, IRENE, ES

[72] SANTOS LOBO, BENJAMIN, ES

[72] LLUCH, NURIA, ES

[71] BIONANOPLUS, S.L., ES

[71] SPHERIUM BIOMED, S.L., ES

[85] 2018-06-26

[86] 2017-01-03 (PCT/EP2017/050059)

[87] (WO2017/118622)

[30] EP (16382001.2) 2016-01-04

[21] 3,009,747
[13] A1

[51] **Int.Cl. E04C 3/08 (2006.01) E04C 2/288 (2006.01) E04C 3/29 (2006.01)**

[25] EN

[54] **THERMALLY BROKEN TRUSS**

[54] **TREILLIS A RUPTURE THERMIQUE**

[72] HOLT, JOHN CHRISTOPHER, GB

[71] HOLT, JOHN CHRISTOPHER, GB

[85] 2018-06-26

[86] 2016-12-21 (PCT/GB2016/054021)

[87] (WO2017/115073)

[30] GB (1523050.1) 2015-12-29

[21] 3,009,750
[13] A1

[51] **Int.Cl. B01J 41/07 (2017.01) B01J 39/05 (2017.01) B01J 39/07 (2017.01) B01J 39/18 (2017.01) B01J 41/12 (2017.01) B01J 47/04 (2006.01) C07C 67/56 (2006.01) C07C 69/14 (2006.01)**

[25] EN

[54] **PURIFICATION PROCESS FOR HYDROLYSABLE ORGANIC SOLVENT**

[54] **PROCEDE DE PURIFICATION DE SOLVANT ORGANIQUE HYDROLYSABLE**

[72] OHIBA, KAORU, JP

[72] TAKANO, KENJI, JP

[72] HIDA, MASONORI, JP

[72] ABE, SHINNOSUKE, JP

[72] MASUO, TAKASHI, JP

[72] KISHIZAKI, OSAMU, JP

[72] ISHIBASHI, RYO, JP

[72] YAMASHITA, YUSUKE, JP

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2018-06-26

[86] 2016-12-16 (PCT/US2016/067180)

[87] (WO2017/116759)

[30] JP (2015-256088) 2015-12-28

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[21] 3,009,751
[13] A1
[51] Int.Cl. G01N 33/574 (2006.01) C07K 16/26 (2006.01) C07K 16/30 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS FOR DETECTING AND TREATING OVARIAN CANCER
[54] COMPOSITIONS ET METHODES POUR DEPISTER ET TRAITER LE CANCER DE L'OVAIRE
[72] PRIEUR, ALEXANDRE, FR
[71] PROGASTRINE ET CANCERS S.A. R.L., LU
[85] 2018-06-26
[86] 2017-01-02 (PCT/EP2017/050033)
[87] (WO2017/114972)
[30] EP (15307192.3) 2015-12-31
[30] EP (16305138.6) 2016-02-05

[21] 3,009,752
[13] A1
[51] Int.Cl. B65D 85/804 (2006.01)
[25] EN
[54] PACK FOR PREPARING FOOD OR BEVERAGE PRODUCTS
[54] EMBALLAGE PERMETTANT DE PREPARER DES PRODUITS ALIMENTAIRES OU DE BOISSON
[72] PELLEGRINI, STEPHANIE, FR
[72] JARISCH, CHRISTIAN, CH
[72] NORQVIST, DAVID, CH
[71] NESTEC S.A., CH
[85] 2018-06-26
[86] 2017-02-01 (PCT/EP2017/052095)
[87] (WO2017/137286)
[30] EP (16155320.1) 2016-02-11

[21] 3,009,754
[13] A1
[51] Int.Cl. A61K 35/644 (2015.01) A61K 31/12 (2006.01) A61K 31/192 (2006.01) A61K 33/04 (2006.01) A61K 33/14 (2006.01) A61P 17/02 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01)
[25] EN
[54] WOUND HEALING COMPOSITIONS INVOLVING MEDICINAL HONEY, MINERAL IONS, AND METHYLGLYOXAL, AND METHODS OF USE
[54] COMPOSITIONS POUR CICATRISATION DES PLAIES COMPRENANT DU MIEL AYANT DES PROPRIETES MEDICINALES, DES IONS MINERAUX ET DU METHYLGLYOXAL, ET LEURS PROCEDES D'UTILISATION

[72] WARDELL, MARK R., US
[72] SABACINSKI, KENNETH A., US
[71] WARDELL, MARK R., US
[71] SABACINSKI, KENNETH A., US
[85] 2018-06-26
[86] 2016-01-29 (PCT/US2016/015753)
[87] (WO2016/123539)
[30] US (62/109,369) 2015-01-29
[30] US (15/010,896) 2016-01-29

[21] 3,009,755
[13] A1
[51] Int.Cl. B65D 85/804 (2006.01)
[25] EN
[54] PACK FOR PREPARING FOOD OR BEVERAGE PRODUCTS
[54] EMBALLAGE PERMETTANT DE PREPARER DES PRODUITS ALIMENTAIRES OU DE BOISSON
[72] PELLEGRINI, STEPHANIE, FR
[72] JARISCH, CHRISTIAN, CH
[72] NORQVIST, DAVID, CH
[72] ABEGGLEN, DANIEL, CH
[71] NESTEC S.A., CH
[85] 2018-06-26
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[87] (WO2017/137371)
[30] EP (16155317.7) 2016-02-11

[21] 3,009,758
[13] A1
[51] Int.Cl. G06F 17/27 (2006.01) G06F 3/0481 (2013.01)
[25] EN
[54] SYSTEMS AND METHODS FOR SUGGESTING EMOJI
[54] SYSTEMES ET PROCEDES POUR SUGGERER UNE EMOTICONE
[72] BOJJA, NIKHIL, US
[72] KARUPPUSAMY, SATHIESHKUMAR, US
[72] WANG, PIDONG, US
[72] KANNAN, SHIVASANKARI, US
[72] NEDUNCHEZHIAN, ARUN, US
[71] MZ IP HOLDINGS, LLC, US
[85] 2018-06-26
[86] 2016-12-20 (PCT/US2016/067723)
[87] (WO2017/116839)
[30] US (62/272,324) 2015-12-29

[21] 3,009,759
[13] A1
[51] Int.Cl. G06Q 50/22 (2018.01)
[25] EN
[54] SYSTEM AND METHOD FOR COORDINATING PHYSICIAN MATCHING
[54] SYSTEME ET PROCEDE DE COORDINATION D'UN APPARIEMENT DE MEDECIN
[72] RICE, ADAM, US
[71] DIGNITY HEALTH, US
[85] 2018-06-26
[86] 2016-02-03 (PCT/US2016/016441)
[87] (WO2016/126868)
[30] US (62/111,529) 2015-02-03

[21] 3,009,760
[13] A1
[51] Int.Cl. A61C 19/06 (2006.01) A46B 15/00 (2006.01)
[25] EN
[54] ORAL CARE DEVICE WITH SACRIFICIAL ELECTRODE
[54] DISPOSITIF DE SOIN BUCCAL A ELECTRODE SACRIFICIELLE
[72] JOHANSSON, PATRIK, US
[72] GONTARZ, GERALD, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-06-26
[86] 2016-12-27 (PCT/US2016/068691)
[87] (WO2017/117115)
[30] US (14/983,724) 2015-12-30

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[25] EN

[54] MULTI-BEAM CREST FACTOR REDUCTION

[54] REDUCTION DE FACTEUR DE CRETE MULTI-FAISCEAU

[72] NG, CHRIS TSUN KIT, US

[72] CHEMBIL-PALAT, RAMESH, US

[71] BLUE DANUBE SYSTEMS, INC., US

[85] 2018-06-26

[86] 2016-12-22 (PCT/US2016/068174)

[87] (WO2017/116929)

[30] US (62/272,269) 2015-12-29

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[13] A1

[51] Int.Cl. A61F 13/511 (2006.01) D04H 1/541 (2012.01) D04H 1/559 (2012.01)

[25] EN

[54] NON-WOVEN FABRIC FOR LIQUID-PERMEABLE SHEET OF ABSORBENT ARTICLE, AND ABSORBENT ARTICLE WHICH INCLUDES SAID NON-WOVEN FABRIC AS LIQUID-PERMEABLE SHEET

[54] TISSU NON-TISSE POUR FEUILLE PERMEABLE AU LIQUIDE D'ARTICLE ABSORBANT, ET ARTICLE ABSORBANT CONTENANT CE TISSU NON-TISSE EN TANT QUE FEUILLE PERMEABLE AU LIQUIDE

[72] MIYAMA, TAKUYA, JP

[72] SAKAGUCHI, SATORU, JP

[72] UDA, MASASHI, JP

[71] UNICHARM CORPORATION, JP

[85] 2018-06-26

[86] 2016-10-17 (PCT/JP2016/080735)

[87] (WO2017/115528)

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[51] Int.Cl. A01M 23/38 (2006.01) H04W 4/12 (2009.01) H04W 4/38 (2018.01) A01M 19/00 (2006.01) A01M 23/14 (2006.01) A01M 23/30 (2006.01)

[25] EN

[54] WIRELESS NOTIFICATION SYSTEMS AND METHODS FOR ELECTRONIC RODENT TRAPS

[54] SYSTEMES ET PROCEDES DE NOTIFICATION SANS FIL POUR PIEGES A RONGEURS ELECTRONIQUES

[72] RICH, CHRISTOPHER T., US

[72] DALY, THOMAS J., US

[72] LUNGER, AARON W., US

[71] WOODSTREAM CORPORATION, US

[85] 2018-06-26

[86] 2016-12-22 (PCT/US2016/068307)

[87] (WO2017/116985)

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[21] 3,009,765
[13] A1

[51] Int.Cl. A61K 8/49 (2006.01)

[25] EN

[54] CLEANSING BARS

[54] BARRES NETTOYANTES

[72] DUBOVVOY, VIKTOR, US

[72] MASTRULLI, JEFFREY, US

[72] TALANCON, DANIEL, MX

[72] SANTOS, DAVID, US

[72] DU-THUMM, LAURENCE, US

[72] PAN, LONG, US

[72] CAZES, ABRAHAM, MX

[72] VALENCIA GARCIA, ENRIQUE, MX

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2018-06-26

[86] 2015-12-31 (PCT/US2015/068231)

[87] (WO2017/116457)

[21] 3,009,766
[13] A1

[51] Int.Cl. G10D 13/06 (2006.01)

[25] EN

[54] VARIABLE CHAMBERED PERCUSSION INSTRUMENTS

[54] INSTRUMENTS A PERCUSSION A CHAMBRES VARIABLES

[72] DI CICCIO, ALBERT, US

[71] NATURAL ACOUSTICS LAB LLC, US

[85] 2018-06-26

[86] 2016-02-04 (PCT/US2016/016648)

[87] (WO2016/126997)

[30] US (62/112,043) 2015-02-04

[21] 3,009,767
[13] A1

[51] Int.Cl. C10G 67/04 (2006.01) C10G 21/00 (2006.01) C10G 21/14 (2006.01) C10L 1/04 (2006.01)

[25] EN

[54] FLUXED DEASPHALTER ROCK FUEL OIL BLEND COMPONENT OILS

[54] HUILES CONSTITUANT UN MELANGE D'HUILES COMBUSTIBLES DE PETROLE DESASPHALTEES FLUXEES

[72] RUBIN-PITEL, SHIRYL B., US

[72] KAR, KENNETH, US

[72] FRUCHEY, KENDALL S., US

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

[85] 2018-06-26

[86] 2016-12-28 (PCT/US2016/068779)

[87] (WO2017/117159)

[30] US (62/271,543) 2015-12-28

[30] US (62/327,624) 2016-04-26

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[21] 3,009,768
[13] A1

[51] Int.Cl. G01N 33/574 (2006.01) C07K 16/26 (2006.01) C07K 16/30 (2006.01) G01N 33/74 (2006.01)

[25] EN

[54] COMPOSITIONS AND METHODS FOR ASSESSING THE RISK OF CANCER OCCURRENCE

[54] COMPOSITIONS ET PROCEDES D'EVALUATION DU RISQUE D'APPARITION D'UN CANCER

[72] FLOCH, JEAN-FRANCOIS, FR

[71] SYNCERUS S.A R.L., LU

[85] 2018-06-26

[86] 2017-01-02 (PCT/EP2017/050034)

[87] (WO2017/114973)

[30] EP (15307190.7) 2015-12-31

[30] EP (16305133.7) 2016-02-05

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[13] A1

[51] Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 31/7105 (2006.01) A61K 48/00 (2006.01) A61P 27/02 (2006.01)

[25] EN

[54] SINGLE-STRANDED NUCLEIC ACID MOLECULE INHIBITING EXPRESSION OF PRORENIN GENE OR PRORENIN RECEPTOR GENE, AND USE THEREOF

[54] MOLECULE D'ACIDE NUCLEIQUE MONOCATENAIRE INHIBANT L'EXPRESSION D'UN GENE DE LA PRORENINE OU D'UN GENE RECEPTEUR DE LA PRORENINE, ET SON UTILISATION

[72] ISHIDA, SUSUMU, JP

[72] KANDA, ATSUSHI, JP

[72] KURODA, MASAHICO, JP

[72] TOYOFUKU, HIDEKAZU, JP

[71] NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, JP

[71] TOKYO MEDICAL UNIVERSITY, JP

[71] BONAC CORPORATION, JP

[85] 2018-06-26

[86] 2016-12-29 (PCT/JP2016/089216)

[87] (WO2017/115872)

[30] JP (2015-257713) 2015-12-29

[21] 3,009,770
[13] A1

[51] Int.Cl. C22C 30/00 (2006.01) C21D 8/00 (2006.01) C22C 38/02 (2006.01) C22C 38/06 (2006.01) C22C 38/48 (2006.01) C22F 1/00 (2006.01)

[25] EN

[54] AUSTENITIC HEAT RESISTANT ALLOY AND METHOD FOR PRODUCING THE SAME

[54] ALLIAGE AUSTENITIQUE RESISTANT A LA CHALEUR ET PROCEDE POUR LA FABRICATION DE CE DERNIER

[72] KOCHI, NORIFUMI, JP

[72] MAKI, JUN, JP

[72] NISHIYAMA, YOSHITAKA, JP

[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2018-06-26

[86] 2017-01-04 (PCT/JP2017/000056)

[87] (WO2017/119415)

[30] JP (2016-000375) 2016-01-05

[21] 3,009,771
[13] A1

[51] Int.Cl. E21B 47/02 (2006.01) E21B 7/04 (2006.01) E21B 47/022 (2012.01)

[25] EN

[54] OPTIMIZED GEOSTEERING USING REAL-TIME GEOLOGICAL MODELS

[54] GEODIRECTION OPTIMISEE UTILISANT DES MODELES GEOLOGIQUES EN TEMPS REEL

[72] MA, JIN, SG

[72] SONG, RIENCHENG, SG

[72] WILSON, GLENN ANDREW, SG

[71] HALIBURTON ENERGY SERVICES, INC., US

[85] 2018-06-26

[86] 2016-02-05 (PCT/US2016/016690)

[87] (WO2017/135960)

[21] 3,009,772
[13] A1

[51] Int.Cl. H04W 28/06 (2009.01) H04W 72/04 (2009.01)

[25] EN

[54] WIRELESS COMMUNICATION APPARATUS, COMMUNICATION METHOD, COMPUTER PROGRAM, AND WIRELESS COMMUNICATION SYSTEM

[54] APPAREIL DE COMMUNICATION SANS FIL, PROCEDE DE COMMUNICATION, PROGRAMME D'ORDINATEUR, ET SYSTEME DE COMMUNICATION SANS FIL

[72] TAKANO, HIROAKI, JP

[71] SONY CORPORATION, JP

[85] 2018-06-26

[86] 2017-01-17 (PCT/JP2017/001436)

[87] (WO2017/135027)

[30] JP (2016-019200) 2016-02-03

[21] 3,009,773
[13] A1

[51] Int.Cl. H05B 37/02 (2006.01) H05B 37/03 (2006.01)

[25] EN

[54] PROGNOSTIC AND HEALTH MONITORING SYSTEMS FOR LIGHT FIXTURES

[54] SYSTEMES DE PRONOSTIC ET DE SURVEILLANCE D'ETAT DE SANTE POUR LUMINAIRES

[72] JAYAWARDENA, ADIKARAMGE ASIRI, US

[72] PURKAIT, PULAK, IN

[72] MANAHAN, JOSEPH MICHAEL, US

[72] ROTHENBERGER, RICHARD E., US

[72] SHINDE, ABHAY RAOSAHEB, IN

[72] JAIN, ARPITA, IN

[72] TANKSALE, SONAL SATISH, IN

[71] EATON INTELLIGENT POWER LIMITED, IE

[85] 2018-06-26

[86] 2016-12-16 (PCT/US2016/067310)

[87] (WO2017/116771)

[30] US (62/271,762) 2015-12-28

[21] 3,009,775
[13] A1

[51] Int.Cl. G07C 9/00 (2006.01)

[25] EN

[54] NEAR FIELD COMMUNICATION TAG

[54] ETIQUETTE DE COMMUNICATION EN CHAMP PROCHE

[72] TIKKANEN, VAINO, FI

[72] HEUSALA, JANNE, FI

[72] PUKARI, MIKA, FI

[71] ILQ OY, FI

[85] 2018-06-26

[86] 2017-03-09 (PCT/FI2017/055530)

[87] (WO2017/153514)

[30] EP (16159616.8) 2016-03-10

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[13] A1

[51] Int.Cl. B29C 43/52 (2006.01) B29C 43/36 (2006.01)

[25] EN

[54] **FIBER REINFORCED COMPOSITE MEMBER MOLDING APPARATUS**

[54] **DISPOSITIF DE MOULAGE D'ELEMENT COMPOSITE RENFORCE PAR DES FIBRES**

[72] MURAKAMI, TSUTOMU, JP

[72] OBUCHI, KENRO, JP

[72] TANAKA, SHINICHI, JP

[71] IHH CORPORATION, JP

[85] 2018-06-26

[86] 2016-09-21 (PCT/JP2016/077846)

[87] (WO2017/126158)

[30] JP (2016-008969) 2016-01-20

[21] 3,009,777
[13] A1

[51] Int.Cl. H04N 21/236 (2011.01) H04N 21/2662 (2011.01) H04N 21/434 (2011.01) H04N 19/30 (2014.01) H04N 19/70 (2014.01)

[25] EN

[54] **TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE AND RECEPTION METHOD**

[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**

[72] TSUKAGOSHI, IKUO, JP

[71] SONY CORPORATION, JP

[85] 2018-06-26

[86] 2017-02-06 (PCT/JP2017/004146)

[87] (WO2017/138470)

[30] JP (2016-023185) 2016-02-09

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[13] A1

[51] Int.Cl. C07D 403/12 (2006.01) A61K 31/404 (2006.01) A61K 31/497 (2006.01) A61P 11/00 (2006.01) C07C 205/57 (2006.01) C07D 209/34 (2006.01) C07D 413/12 (2006.01)

[25] EN

[54] **INDOLINONES COMPOUNDS AND THEIR USE IN THE TREATMENT OF FIBROTIC DISEASES**

[54] **COMPOSES INDOLINONES ET LEUR UTILISATION DANS LE TRAITEMENT DES MALADIES FIBROTIQUES**

[72] WALTERS, IAIN, GB

[72] BIRCH, LOUISE, GB

[72] HILL-COUSINS, JOSEPH, GB

[72] COLLINGWOOD, STEPHEN PAUL, GB

[72] STEVENSON, CHRISTOPHER SCOTT, GB

[71] RESPIVERT LIMITED, GB

[85] 2018-06-26

[86] 2016-12-23 (PCT/GB2016/054069)

[87] (WO2017/109513)

[30] EP (15202764.5) 2015-12-24

[21] 3,009,779
[13] A1

[51] Int.Cl. C25D 3/44 (2006.01) C25D 9/08 (2006.01)

[25] EN

[54] **ELECTROCHEMICAL DEPOSITION OF ELEMENTS IN AQUEOUS MEDIA**

[54] **DEPOT ELECTROCHIMIQUE D'ELEMENTS EN MILIEU AQUEUX**

[72] NULWALA, HUNAID, US

[72] WATKINS, JOHN D., US

[72] ZHOU, XU, US

[71] LUMISHIELD TECHNOLOGIES, INCORPORATED, US

[85] 2018-06-26

[86] 2016-02-16 (PCT/US2016/018050)

[87] (WO2017/142513)

[21] 3,009,780
[13] A1

[51] Int.Cl. B07C 3/00 (2006.01)

[25] FR

[54] **SORTING OUTLET MODULE FOR A POSTAL SORTING MACHINE**

[54] **MODULE DE SORTIE DE TRI POUR MACHINE DE TRI POSTAL**

[72] RIEU, JEAN, FR

[72] CHAPELET, JACQUES, FR

[72] MESTRALLET, FREDERIC, FR

[71] SOLYSTIC, FR

[85] 2018-06-26

[86] 2017-01-13 (PCT/FR2017/050080)

[87] (WO2017/162933)

[30] FR (1670131) 2016-03-24

[21] 3,009,781
[13] A1

[51] Int.Cl. B22F 3/10 (2006.01) B22F 3/02 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01) F23R 3/42 (2006.01)

[25] EN

[54] **SINTERED BODY, METHOD OF MANUFACTURING SINTERED BODY, COMBUSTOR PANEL, AND METHOD OF MANUFACTURING COMBUSTOR PANEL**

[54] **CORPS FRITTE, PROCEDE DE PRODUCTION DE CORPS FRITTE, PANNEAU DE CHAMBRE DE COMBUSTION ET PROCEDE DE PRODUCTION DE PANNEAU DE CHAMBRE DE COMBUSTION**

[72] SUZUKI, KENJI, JP

[72] TERAUCHI, SYUNTARO, JP

[72] KITAGAKI, HISASHI, JP

[72] HANAMI, KAZUKI, JP

[72] HANADA, TADAYUKI, JP

[71] MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD., JP

[85] 2018-06-26

[86] 2017-02-07 (PCT/JP2017/004366)

[87] (WO2017/175471)

[30] JP (2016-076124) 2016-04-05

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[13] A1
[51] Int.Cl. B01D 69/10 (2006.01) B01D 69/06 (2006.01) B01D 71/68 (2006.01)
[25] EN
[54] METHOD FOR PREPARING MEMBRANE AND ASSOCIATED MEMBRANE AND FILTER ELEMENT
[54] PROCEDE DE PREPARATION DE MEMBRANE AINSI QUE MEMBRANE ET ELEMENT FILTRANT ASSOCIES
[72] YANG, LINGLU, CN
[72] WANG, PENG, SG
[72] LU, SU, CN
[72] LIU, ZHEN, CN
[72] PENG, YUN, CN
[72] COSTA, LAWRENCE C., US
[71] BL TECHNOLOGIES, INC., US
[85] 2018-06-26
[86] 2016-12-19 (PCT/US2016/067417)
[87] (WO2017/112555)
[30] CN (201510988082.X) 2015-12-24

[21] 3,009,783
[13] A1
[51] Int.Cl. F16L 41/03 (2006.01) E03B 9/02 (2006.01) F16L 3/02 (2006.01) F16L 37/23 (2006.01)
[25] EN
[54] UNIT, MANIFOLD, AND FLOW PATH FORMING METHOD
[54] UNITE, COLLECTEUR ET PROCEDE DE FORMATION DE TRAJET D'ECOULEMENT
[72] KAWASAKI, TETSU HARU, JP
[72] TOSHIRO, KENZOU, JP
[72] TAMADA, KAZUYUKI, JP
[72] MIYAZAWA, MISAO, JP
[71] SAKURA RUBBER CO., LTD., JP
[85] 2018-06-26
[86] 2017-01-12 (PCT/JP2017/000833)
[87] (WO2017/122726)
[30] JP (2016-005307) 2016-01-14

[21] 3,009,784
[13] A1
[51] Int.Cl. C22C 38/16 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01)
[25] EN
[54] HIGH-STRENGTH COLD-ROLLED STEEL SHEET
[54] TOLE EN ACIER LAMINEE A FROID HAUTEMENT RESISTANTE
[72] YOSHIOKA, SHIMPEI, JP
[72] ONO, YOSHIIHIKO, JP
[72] KIMATA, YUSUKE, JP
[72] MASUOKA, HIROYUKI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-06-26
[86] 2017-02-15 (PCT/JP2017/005467)
[87] (WO2017/141953)
[30] JP (2016-028881) 2016-02-18

[21] 3,009,785
[13] A1
[51] Int.Cl. G01N 33/574 (2006.01) A61K 39/395 (2006.01) C07K 16/26 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS FOR DETECTING AND TREATING ESOPHAGEAL CANCER
[54] COMPOSITIONS ET METHODES POUR DEPISTER ET TRAITER LE CANCER
[72] PRIEUR, ALEXANDRE, FR
[71] PROGASTRINE ET CANCERS S.A. R.L., LU
[85] 2018-06-26
[86] 2017-01-02 (PCT/EP2017/050037)
[87] (WO2017/114976)
[30] EP (15307189.9) 2015-12-31
[30] EP (16305139.4) 2016-02-05

[21] 3,009,787
[13] A1
[51] Int.Cl. A61B 34/30 (2016.01) A61B 34/20 (2016.01) A61B 90/00 (2016.01)
[25] EN
[54] SYSTEM AND METHODS FOR PERFORMING SURGERY ON A PATIENT AT A TARGET SITE DEFINED BY A VIRTUAL OBJECT
[54] SYSTEME ET PROCEDES POUR REALISER UNE INTERVENTION CHIRURGICALE SUR UN PATIENT AU NIVEAU D'UN SITE CIBLE DEFINI PAR UN OBJET VIRTUEL
[72] MALACKOWSKI, DONALD W., US
[71] STRYKER CORPORATION, US
[85] 2018-06-26
[86] 2016-12-29 (PCT/US2016/069152)
[87] (WO2017/117369)
[30] US (62/273,543) 2015-12-31

[21] 3,009,788
[13] A1
[51] Int.Cl. E21B 7/06 (2006.01) E21B 7/08 (2006.01) F16B 19/00 (2006.01)
[25] EN
[54] TORQUE RESISTANT SHEAR BOLT HAVING FLAT FACES
[54] BOULON RESISTANT AU COUPLE AYANT DES FACES PLANES
[72] STOKES, MATTHEW BRADLEY, US
[72] STEELE, DAVID JOE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-06-26
[86] 2016-02-17 (PCT/US2016/018226)
[87] (WO2017/142524)

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[13] A1

[51] Int.Cl. G06F 17/50 (2006.01) G06F 19/00 (2018.01)

[25] EN

[54] **METHOD FOR FLEXIBLE STRUCTURED GRIDGING USING NESTED LOCALLY REFINED GRIDS**

[54] **PROCEDE DE MAILLAGE STRUCTURE FLEXIBLE AU MOYEN DE MAILLES AFFINEES LOCALEMENT IMBRIQUEES**

[72] GORELL, SHIELDON BURT, US

[72] DORTAJ, ALI, US

[72] SU, GUOQIANG, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2018-06-26

[86] 2016-03-01 (PCT/US2016/020215)

[87] (WO2017/151115)

[21] 3,009,791
[13] A1

[51] Int.Cl. B24D 3/28 (2006.01) B24D 18/00 (2006.01) C08J 5/18 (2006.01) C08J 7/04 (2006.01) C08K 3/08 (2006.01) C08L 23/06 (2006.01) C08L 67/03 (2006.01) C08L 77/02 (2006.01) C09K 3/14 (2006.01)

[25] EN

[54] **ABRASIVE TOOLS AND METHODS FOR FORMING SAME**

[54] **OUTILS ABRASIFS ET LEURS PROCEDES DE FORMATION**

[72] PACELLA, NAN Y., US

[72] LAVALLEE, LAWRENCE J., JR., US

[72] MONTGOMERY, MICHAEL K., US

[72] SAHLIN, KATHERINE M., US

[72] CASTAGNA, ALICIA M., US

[71] SAINT-GOBAIN ABRASIVES, INC., US

[71] SAINT-GOBAIN ABRASIFS, FR

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[30] US (62/273,283) 2015-12-30

[30] US (62/356,382) 2016-06-29

[21] 3,009,794
[13] A1

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[54] **BOLT HAVING TORQUE RESISTANT SHEAR REGION**

[54] **BOULON POSSEDANT UNE REGION DE CISAILLEMENT RESISTANT AUX COUPLES**

[72] STOKES, MATTHEW BRADLEY, US

[72] STEELE, DAVID JOE, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

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[87] (WO2017/146682)

[21] 3,009,795
[13] A1

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[54] **BROADBAND SATELLITE COMMUNICATION SYSTEM USING OPTICAL FEEDER LINKS**

[54] **SYSTEME DE COMMUNICATIONS PAR SATELLITE A LARGE BANDE UTILISANT DES LIAISONS DE CONNEXION OPTIQUE**

[72] MENDELSON, AARON, US

[71] VIASAT, INC., US

[85] 2018-06-26

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[87] (WO2017/117584)

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[54] **INFRARED FLUORESCENT COATINGS**

[54] **REVETEMENTS FLUORESCENTS INFRAROUGES**

[72] ZALICH, MICHAEL A., US

[72] BERDAHL, PAUL H., US

[72] HELLRING, STUART D., US

[72] RETSCH, WILLIAM H., JR., US

[71] PPG INDUSTRIES OHIO, INC., US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

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[87] (WO2017/116547)

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[30] US (62/272,377) 2015-12-29

[21] 3,009,797
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[54] **STRIPED DENTIFRICE COMPOSITION COMPRISING ZINC**

[54] **COMPOSITION DE DENTIFRICE A RAYURES COMPRENANT DU ZINC**

[72] MOURAO, MARCELLA F., BR

[72] POTH, TILO, DE

[72] CORREA, FERNANDA, BR

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2018-06-26

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[87] (WO2017/117135)

[30] US (14/983,709) 2015-12-30

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[13] A1

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[54] **PARTICLES ENCAPSULATING FUSION PROTEINS CONTAINING LINKED EPITOPES**

[54] **PARTICULES ENCAPSULANT DES PROTEINES HYBRIDES CONTENANT DES EPITOPES LIES**

[72] GETTS, DANIEL R., US

[71] COUR PHARMACEUTICALS DEVELOPMENT COMPANY INC., US

[85] 2018-06-26

[86] 2017-01-04 (PCT/US2017/012173)

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[25] EN
[54] PERSONAL CARE COMPOSITIONS
[54] COMPOSITIONS DE SOINS PERSONNELS
[72] SCHANKEL, DANIEL, US
[72] NAWROCKI, SHIRI, US
[72] DUBOVOY, VIKTOR, US
[72] PAN, LONG, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[51] Int.Cl. E21B 37/06 (2006.01) C08K 5/10 (2006.01) C09K 8/524 (2006.01) C10L 1/14 (2006.01) C10L 1/16 (2006.01)
[25] EN
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[54] COMPOSITIONS D'INHIBITEURS DE PARAFFINE
[72] SOLOMON, KIM, US
[72] FOUCHARD, DAVID, US
[72] PAINTER, THOMAS, US
[72] KUNDU, KOUSIK, US
[72] STOKES, JENNIFER, US
[72] SILVERNAIL, CARTER, US
[71] ECOLAB USA INC., US
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[51] Int.Cl. F17C 1/00 (2006.01)
[25] EN
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[54] RESERVOIR DE GNL A MEMBRANE MODULAIRE
[72] LOKKEN, ROALD T., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-06-26
[86] 2016-10-28 (PCT/US2016/059425)
[87] (WO2017/116548)
[30] US (62/272,398) 2015-12-29

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[54] DEMARREUR A CHARBON A PERFORMANCES AMELIOREES
[72] AHMED, MALIK, US
[71] W.C. BRADLEY CO., US
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[87] (WO2017/120444)
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[51] Int.Cl. C22B 3/02 (2006.01) B03B 7/00 (2006.01) B03D 1/14 (2006.01) C22B 3/24 (2006.01)
[25] EN
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[54] CELLULE A TAMBOUR ROTATIF POUR LA RECUPERATION DE MINERAUX AU MOYEN DE LIANTS MODIFIES
[72] ROTHMAN, PAUL J., US
[72] FERNALD, MARK R., US
[72] DOLAN, PAUL, US
[72] BAILEY, TIMOTHY J., US
[72] RYAN, MICHAEL, US
[72] AMELUNXEN, PETER A., US
[71] CIDRA CORPORATE SERVICES LLC, US
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[87] (WO2017/117200)
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[54] LSD1 INHIBITORS
[54] INHIBITEURS DE LSD1
[72] MARX, MATTHEW ARNOLD, US
[72] VAISBURG, ARKADII, CA
[72] CHRISTENSEN, JAMES GAIL, US
[72] GALEMMO, ROBERT ANTHONY, JR., US
[71] MIRATI THERAPEUTICS, INC., US
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[86] 2016-11-03 (PCT/US2016/060379)
[87] (WO2017/116558)
[30] US (62/272,082) 2015-12-29
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[21] 3,009,807
[13] A1
[51] Int.Cl. B60G 11/50 (2006.01) B60G 17/027 (2006.01)
[25] EN
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[54] SYSTEME DE SUSPENSION DE VEHICULE A DOUBLE RAIDEUR
[72] HOLT, LAURENCE J., CA
[72] O'FLYNN, DAMIAN, GB
[71] MULTIMATIC INC., CA
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[86] 2017-01-06 (PCT/US2017/012588)
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[13] A1

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[54] **FUEL COMPONENTS FROM HYDROPROCESSED DEASPHALTED OILS**

[54] **COMPOSANTS COMBUSTIBLES D'HUILES DESASPHALTEES HYDROTRAITEES**

[72] RUBIN-PTTEL, SHIRYL B., US

[72] KAR, KENNETH, US

[72] FRUCHEY, KENDALL S., US

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

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[30] US (15/390,780) 2016-12-27

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[13] A1

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[54] **FORMULATIONS FOR TREATING BLADDER CANCER**

[54] **FORMULATIONS POUR LE TRAITEMENT DU CANCER DE LA VESSIE**

[72] BETAGERI, GURU V., US

[72] VENKATESAN, NATARAJAN, IN

[72] OFFELEIN, MICHAEL G., US

[71] WESTERN UNIVERSITY OF HEALTH SCIENCES, US

[71] TESORX PHARMA, LLC, US

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[13] A1

[51] **Int.Cl. A61K 6/083 (2006.01) A61C 13/00 (2006.01)**

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[54] **BALANCE FUNCTIONING DENTURE TOOTH SYSTEMS CONTAINING TOUGHENED COMPOSITIONS**

[54] **SYSTEMES DE DENT DE DENTIER A FONCTIONNEMENT EQUILIBRE CONTENANT DES COMPOSITIONS DURCIES**

[72] SUN, JIEMIN BENJAMIN, US

[72] AMMON, DAN, US

[72] FRITSCH, BRIAN, US

[71] DENTSPLY SIRONA INC., US

[85] 2018-06-26

[86] 2016-12-28 (PCT/US2016/068799)

[87] (WO2017/117175)

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[21] **3,009,811**
[13] A1

[51] **Int.Cl. H01M 2/16 (2006.01) H01M 10/0525 (2010.01) H01M 10/04 (2006.01)**

[25] EN

[54] **LITHIUM ION BATTERY AND METHOD OF MANUFACTURING**

[54] **BATTERIE AU LITHIUM-ION ET PROCEDE DE FABRICATION**

[72] MORIN, BRIAN G., US

[71] DREAMWEAVER INTERNATIONAL, INC., US

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[87] (WO2017/123519)

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[13] A1

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[25] EN

[54] **SUBSTRATES, SYSTEMS, AND METHODS FOR NUCLEIC ACID ARRAY SYNTHESIS**

[54] **SUBSTRATS, SYSTEMES ET PROCEDES POUR LA SYNTHSE DE MATRICES D'ACIDE NUCLEIQUE**

[72] RAJASEKARAN, JOHN J., US

[71] VIBRANT HOLDINGS, LLC, US

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[86] 2016-12-28 (PCT/US2016/069017)

[87] (WO2017/117292)

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[21] **3,009,813**
[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) A61B 8/13 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) G01N 21/64 (2006.01) G01N 33/483 (2006.01) G01N 33/487 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR AUTOMATED DETECTION AND MONITORING OF DYSPLASIA AND ADMINISTRATION OF CHEMOPREVENTION**

[54] **SYSTEME ET PROCEDE AUTOMATISE DE DETECTION ET DE SURVEILLANCE DE DYSPLASIE ET D'ADMINISTRATION DE CHIMIO-PREVENTION**

[72] NELSON, ALAN C., US

[72] MEYER, MICHAEL G., US

[71] VISIONGATE, INC., US

[85] 2018-06-26

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[13] A1

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[54] **FORMULATIONS AND METHODS FOR TREATING ULCERATIVE COLITIS**

[54] **FORMULATIONS ET METHODES POUR TRAITER LA RECTOCOLITE HEMORRAGIQUE**

[72] SHAILUBHAI, KUNWAR, US

[72] JACOB, GARY S., US

[72] GRIFFIN, PATRICK, US

[71] SYNERGY PHARMACEUTICALS, INC., US

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[25] EN
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[54] NAVIRE AUTONOME A LA SURFACE DE L'EAU
[72] HAUMONTE, LUC, FR
[72] VELAY, LAURENT, FR
[71] KIETTA, FR
[85] 2018-06-22
[86] 2016-11-10 (PCT/EP2016/077368)
[87] (WO2017/108262)
[30] FR (1563321) 2015-12-24

[21] 3,009,816
[13] A1
[51] Int.Cl. H02H 3/08 (2006.01) G01R 31/02 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR TESTING GROUND FAULT CIRCUIT INTERRUPTER BREAKERS WITHIN ENCLOSURES
[54] SYSTEMES ET PROCEDES DE TEST DE DISJONCTEURS DE FUITE A LA TERRE AU SEIN D'ENCEINTES
[72] FRIER, BENJAMIN AVERY, US
[72] IANNCE, STEPHAN P, US
[72] MANAHAN, JOSEPH MICHAEL, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-06-26
[86] 2016-12-01 (PCT/US2016/064326)
[87] (WO2017/116602)
[30] US (62/271,789) 2015-12-28

[21] 3,009,817
[13] A1
[51] Int.Cl. G06F 9/00 (2006.01) G06F 9/46 (2006.01) G06F 9/50 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR CACHING TASK EXECUTION
[54] SYSTEMES ET PROCEDES D'EXECUTION DE TACHE DE MISE EN MEMOIRE CACHE
[72] TAO, TAO, US
[72] BARDWAJ, SANTOSH, US
[72] KUMAR, SUBODH, US
[72] EUGLEY, BRIAN, US
[71] TAO, TAO, US
[71] BARDWAJ, SANTOSH, US
[71] KUMAR, SUBODH, US
[71] EUGLEY, BRIAN, US
[85] 2018-06-26
[86] 2016-12-28 (PCT/US2016/068869)
[87] (WO2017/117216)
[30] US (62/272,492) 2015-12-29

[21] 3,009,819
[13] A1
[51] Int.Cl. G06F 11/30 (2006.01) G06F 11/34 (2006.01)
[25] EN
[54] CONTROL DEVICE FOR ESTIMATION OF POWER CONSUMPTION AND ENERGY EFFICIENCY OF APPLICATION CONTAINERS
[54] DISPOSITIF DE COMMANDE POUR ESTIMER LA CONSOMMATION D'ENERGIE ET LE RENDEMENT ENERGETIQUE DE CONTENEURS D'APPLICATION
[72] KATSAROS, GRIGORIOS, GB
[72] KUPPUUDAIYAR, PERUMAL, IE
[72] NATARAJAN, SURYANARAYANAN, IE
[71] INTEL CORPORATION, US
[85] 2018-06-26
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[87] (WO2017/165003)
[30] US (15/077,398) 2016-03-22

[21] 3,009,820
[13] A1
[51] Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01)
[25] EN
[54] PAYMENT DEVICE ENROLLMENT IN LINKED OFFERS
[54] INSCRIPTION DE DISPOSITIFS DE PAIEMENT DANS DES OFFRES LIEES
[72] PURVES, THOMAS, US
[72] KRUG, GUYON, US
[72] LEE, ERICA, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2018-06-26
[86] 2017-02-09 (PCT/US2017/017249)
[87] (WO2017/139499)
[30] US (15/041,917) 2016-02-11

[21] 3,009,821
[13] A1
[51] Int.Cl. C09K 8/584 (2006.01) C09K 8/588 (2006.01)
[25] EN
[54] STABILIZATION OF PETROLEUM SURFACTANTS FOR ENHANCING OIL RECOVERY
[54] STABILISATION DE TENSIOACTIFS PETROLIERS A DES FINS D'AMELIORATION DE LA RECUPERATION DU PETROLE
[72] CHIANG, YUN, US
[71] SAUDI ARABIAN OIL COMPANY, SA
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[86] 2017-01-12 (PCT/US2017/013142)
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[13] A1

[51] Int.Cl. C10B 31/00 (2006.01) B30B 1/00 (2006.01) C10B 39/12 (2006.01) C10B 45/00 (2006.01) C10B 47/46 (2006.01)

[25] EN

[54] METHOD AND SYSTEM FOR DYNAMICALLY CHARGING A COKE OVEN

[54] PROCEDE ET SYSTEME DE CHARGE DE MANIERE DYNAMIQUE D'UN FOUR A COKE

[72] QUANCI, JOHN FRANCIS, US

[72] CHOI, CHUN WAI, US

[72] BALL, MARK ANTHONY, US

[71] SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC, US

[85] 2018-06-26

[86] 2016-12-28 (PCT/US2016/068996)

[87] (WO2017/117282)

[30] US (62/271,963) 2015-12-28

[21] 3,009,824
[13] A1

[51] Int.Cl. A62B 9/02 (2006.01) A62B 9/04 (2006.01) A62B 18/02 (2006.01)

[25] EN

[54] RESPIRATOR MASK WITH AIR-SAVER SWITCH

[54] MASQUE RESPIRATOIRE DOTE D'UN COMMUTATEUR D'ECONOMISEUR D'AIR

[72] PLUMMER, DARRILL L., US

[72] CLARK, DUSTIN CARROLL, US

[72] MORGAN, JUDGE W., III, US

[71] SCOTT TECHNOLOGIES, INC., US

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[87] (WO2017/116999)

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[30] US (62/376,203) 2016-08-17

[21] 3,009,825
[13] A1

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[25] EN

[54] USE OF TREATING ELEMENTS TO FACILITATE FLOW IN VESSELS

[54] UTILISATION D'ELEMENTS DE TRAITEMENT POUR FACILITER L'ECOULEMENT DANS DES CUVES

[72] GLOVER, JOHN N., US

[72] HAM, PETER GREGORY, US

[72] SCHNEIDER, AUSTIN, US

[71] CRYSTAPHASE PRODUCTS, INC., US

[85] 2018-06-26

[86] 2017-02-10 (PCT/US2017/017398)

[87] (WO2017/139597)

[30] US (62/294,768) 2016-02-12

[30] US (62/314,069) 2016-03-28

[30] US (15/265,405) 2016-09-14

[21] 3,009,826
[13] A1

[51] Int.Cl. C07D 333/38 (2006.01) A61K 31/496 (2006.01) A61K 31/551 (2006.01)

[25] EN

[54] TREATMENT OF TUMORS INCORPORATING MUTANT ISOCITRATE DEHYDROGENASE

[54] TRAITEMENT DE TUMEURS INCORPORANT UNE ISOCITRATE-DESHYDROGENASE MUTANTE

[72] SI, YAGUANG, US

[72] KEENAN, MARIE C., US

[71] AGIOS PHARMACEUTICALS, INC., US

[85] 2018-06-26

[86] 2016-12-29 (PCT/US2016/069161)

[87] (WO2017/117372)

[30] US (62/273,135) 2015-12-30

[21] 3,009,827
[13] A1

[51] Int.Cl. A61K 8/24 (2006.01) A61K 8/19 (2006.01) A61K 8/20 (2006.01) A61K 8/21 (2006.01) A61Q 15/00 (2006.01)

[25] EN

[54] PERSONAL CARE COMPOSITIONS

[54] COMPOSITIONS DE SOINS PERSONNELS

[72] NAWROCKI, SHIRI, US

[72] DUBOVOY, VIKTOR, US

[72] PAN, LONG, US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2018-06-26

[86] 2016-12-28 (PCT/US2016/069035)

[87] (WO2017/117301)

[30] US (62/273,306) 2015-12-30

[21] 3,009,828
[13] A1

[51] Int.Cl. H04L 29/06 (2006.01) H04W 4/02 (2018.01)

[25] EN

[54] LOCATION VERIFICATION DURING DYNAMIC DATA TRANSACTIONS

[54] VERIFICATION D'EMPLACEMENT PENDANT DES TRANSACTIONS DE DONNEES DYNAMIQUES

[72] PRAKASH, GYAN, US

[72] GADDAM, AJIT, US

[72] POWELL, GLENN, US

[72] KGIL, TAEHO, US

[72] AABYE, CHRISTIAN, US

[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US

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[30] US (15/074,941) 2016-03-18

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[51] Int.Cl. A01K 43/00 (2006.01) A01K 41/06 (2006.01) B65B 23/08 (2006.01)
[25] EN
[54] EGG LIFTING DEVICE, AND ASSOCIATED TRANSFER SYSTEMS AND METHODS
[54] DISPOSITIF DE LEVAGE D'ŒUFS, ET SYSTEMES ET PROCEDES DE TRANSFERT ASSOCIES
[72] SUH, WILLIAM DONGWOOK, US
[71] ZOETIS SERVICES LLC, US
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[72] MAZLISH, BRYAN, US
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[72] INKS, SHAWN G., US
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[54] COMPOSITIONS D'HYGIENE BUCCO-DENTAIRE ET PROCEDES D'UTILISATION DE CES COMPOSITIONS
[72] REGE, AARTI, US
[72] SULLIVAN, RICHARD, US
[72] SURIANO, DAVID, US
[72] DOGU, NIHAL, US
[72] COLLIGAN, MARY, US
[72] FISHER, STEVEN, US
[72] MORGAN, ANDRE, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] ANALOGUES DE MIMETIQUES D'HEPICIDINE A DEMI-VIE IN VIVO AMELIOREE
[72] BOURNE, GREGORY THOMAS, AU
[72] SMYTHIE, MARK LESLIE, AU
[72] FREDERICK, BRIAN TROY, US
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[71] PROTAGONIST THERAPEUTICS, INC., US
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[54] INHIBITEURS GLYCOMIMETIQUES DES LECTINES PA-IL ET PA-IIL
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[72] SARKAR, ARUN K., US
[71] GLYCOMIMETICS, INC., US
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[54] BUILDING ASSEMBLY INCLUDING A WEATHER RESISTANT BARRIER, A SHEET FOR USE AS A WEATHER RESISTANT BARRIER, A LIQUID COATING COMPOSITION AND METHODS OF MAKING THE FOREGOING
[54] ENSEMBLE DE BATIMENT COMPRENANT UNE BARRIERE RESISTANT AUX INTEMPERIES, FEUILLE UTILISEE COMME UNE BARRIERE RESISTANT AUX INTEMPERIES, COMPOSITION DE REVETEMENT LIQUIDE ET DES PROCEDES DE FABRICATION DE CES DERNIERS
[72] PEET, JEFFREY H., US
[72] HEURTEFEU, BERTRAND, FR
[72] LOVE, NICOLE, US
[72] DIGUET, ANTOINE, FR
[71] CERTAINTED CORPORATION, US
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[54] **PROCEDE ET APPAREIL DE GESTION DU FLUX DE PUISSANCE ENTRE UNE SOURCE D'ENERGIE ALTERNATIVE ET UN DISPOSITIF ACCUMULATEUR**

[72] DENNIS, KEVIN, US

[72] LAUBENSTEIN, THOMAS A., US

[71] ENSYNC, INC., US

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[54] **TOPOLOGIE DE RESEAU POUR SYSTEMES DE POMPE A INSULINE**

[72] CROTHALL, GEORGE, US

[72] CHAN, YEAN W., US

[71] BIGFOOT BIOMEDICAL, INC., US

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[54] **PROPYLENE-BASED ELASTOMERS FOR ROOFING COMPOSITIONS AND METHODS FOR PREPARING THE SAME**

[54] **ELASTOMERES A BASE DE PROPYLENE POUR COMPOSITIONS DE COUVERTURE ET LEURS PROCEDES DE PREPARATION**

[72] LI, JIANG, CN

[72] ZACARIAS, FELIX M., US

[72] DHARMARAJAN, NARAYANASWAMI, US

[72] KALFUS, JAN, US

[72] HAGADORN, JOHN R., US

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[54] **STRUCTURE A FAIBLE IMPEDANCE THERMIQUE DANS UNE ANTENNE RESEAU A COMMANDE DE PHASE**

[72] EMERICK, JAMES, US

[72] HONEYCUTT, ROBERT M., US

[71] BLUE DANUBE SYSTEMS, INC., US

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[54] **PRODUITS TISSULAIRES FUTAUX DE SUPPORT ET METHODES D'UTILISATION**

[72] TSENG, SCHEFFER, US

[71] TISSUE TECH, INC., US

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[54] **DISPOSITIFS ET SYSTEMES PERMETTANT D'ANCER UNE VALVULE CARDIAQUE**

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[72] FRANKLIN, MICHAEL D., US

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[72] JOSHI, ABHIJEET, US

[72] SIRIMANNE, DINESH L., US

[72] JOSEPH, RUSSELL T., US

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[72] NGO, HIEN TRAN, US

[72] TRAN, VIVIAN, US

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[72] SCHNEIDER, AUSTIN, US

[72] HAM, PETER GREGORY, US

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[54] TAPIS D'AUTOMOBILE DOTE DE FIBRES MULTILOBES SOLIDES

[72] DE SMET, ANNELEEN, BE

[72] BEUN, GILLIS, BE

[71] BEAULIEU INTERNATIONAL GROUP NV, BE

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[54] GRASS TRIMMER, OPERATING METHOD THEREOF AND CONTROL METHOD THEREOF

[54] COUPE-VITRE, METHODE D'UTILISATION DE CELUI-CI ET PROCÉDE DE COMMANDE DE CELUI-CI

[72] GUO, JIANPENG, CN

[72] LI, MAOHUI, CN

[72] NIE, FANGJIE, CN

[72] YAMAOKA, TOSHINARI, CN

[71] NANJING CHERVON INDUSTRY CO., LTD., CN

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[54] FIRE PIT WITH INFRARED EMITTER

[54] FOYER AVEC EMETTEUR D'INFRAROUGES

[72] DOBIAS, SCOTT F., US

[71] BLUE RHINO GLOBAL SOURCING, INC., US

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[54] COMPOSES DEUTERES POUR LE TRAITEMENT DU CANCER ET DE MALADIES ET TROUBLES ASSOCIES, ET COMPOSITIONS ET METHODES ASSOCIEES

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[72] CHANGFU, CHENG, US

[71] NEUFORM PHARMACEUTICALS, INC., US

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[72] AMER, ABDELRAHMAN, CA

[71] NANDBOX INC., CA

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[54] **METHODES DE PRODUCTION DE CELLULES D'EXPRESSION DE RECEPTEUR D'ANTIGENE CHIMERIQUE**
[72] FACHIN, FABIO, US
[72] CAO, LAN, US
[72] GREENE, MICHAEL R., US
[72] GOLOVINA, TATIANA, US
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[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **DISPOSITIF ET PROCEDE D'ADMINISTRATION TRANSDERMIQUE DE MEDICAMENT PAR MICRO-AIGUILLE**
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[54] **CAPTEUR D'ARTICULATION A COURANTS DE FOUCAULT**
[72] FREER, BENJAMIN AVERY, US
[72] MANAHAN, JOSEPH MICHAEL, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **BALLISTIC MATERIALS INCORPORATING SPUNLACED NONWOVENS**
[54] **NON-TISSES OBTENUS PAR LIAGE HYDRAULIQUE INCORPORANT DES MATERIAUX BALISTIQUES**
[72] PRICE, ALLEN L., US
[72] BRAHMS, DAVID, US
[72] JANCO, SCOTT, US
[72] MUSCIANO, COURTNEY, US
[72] GRAVEL, ROBERT, US
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[72] LANGLEY, MATT, US
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[54] **ENSEMBLE FORMANT PANSEMENT ET PROCEDE POUR TRAITER UNE PLAIE**
[72] GERDES, GERD, CH
[72] WEBER, JEREMIE, AT
[71] SEFAR AG, CH
[85] 2018-06-27
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[54] **SYSTEMES DE PRONOSTIC ET DE SURVEILLANCE DE SANTE POUR DISJONCTEURS**
[72] FREER, BENJAMIN AVERY, US
[72] IANNICE, STEPHAN P., US
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[54] COMPOSES DEPSIPEPTIDIQUES ANTHELMINTHIQUES
[72] LE HIR DE FALLOIS, LOIC, US
[72] PACOFISKY, GREGORY, US
[72] LONG, ALAN, US
[72] MENG, CHARLES Q., US
[72] LEE, HYOUNG IK, US
[71] MERIAL, INC., US
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[54] CARACTERISATION ET ELIMINATION DE BRUIT STATIQUE EXTRINSEQUE
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[72] GIDEL, SAMUEL, CA
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[25] EN
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[54] ELEMENT DE FILTRE ET SON PROCEDE DE FABRICATION
[72] YANG, LINGLU, CN
[72] HUANG, JIE, CN
[72] PENG, YUN, CN
[72] CHEN, LIN, CN
[72] LU, SU, CN
[71] BL TECHNOLOGIES, INC., US
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[51] Int.Cl. C12P 7/64 (2006.01) C11B 3/00 (2006.01) C12N 9/20 (2006.01)
[25] EN
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[54] HYDROLYSE ENZYMATIQUE PARTIELLE DES TRIACYLGLYCEROLS
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[72] SCHURMANN, MARTIN, DE
[71] DSM IP ASSETS B.V., NL
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[54] CATALYSEUR DE DEPARAFFINAGE AYANT UNE ACTIVITE DE SATURATION D'AROMATIQUES AMELIOREE
[72] IDE, MATTHEW S., US
[72] MCCARTHY, STEPHEN J., US
[72] SCHLEICHER, GARY P., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] DEVICE AND METHOD FOR DISPENSING FOAM
[54] DISPOSITIF ET PROCEDE DE DISTRIBUTION DE MOUSSE
[72] WRIGHT, DAVID DAKIN IORWERTH, GB
[72] FAULKNER, DAVID IAN, GB
[71] PROVENSIS LIMITED, GB
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[87] (WO2017/145132)
[30] GB (1603397.9) 2016-02-26

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[21] **3,009,874**
[13] A1

[51] **Int.Cl. A61B 5/0476 (2006.01) A61B 5/00 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR DETERMINING NETWORK CONNECTIONS**

[54] **PROCEDE ET SYSTEME PERMETTANT DE DETERMINER DES CONNEXIONS RESEAUX**

[72] SOMMERLADE, LINDA, GB

[72] SCHELTER, BJORN OLAF, GB

[72] WISCHIK, CLAUDE MICHEL, GB

[71] GENTING TAURX DIAGNOSTIC CENTRE SDN BHD, MY

[85] 2018-06-27

[86] 2017-01-06 (PCT/EP2017/050269)

[87] (WO2017/118733)

[30] MY (PI2016000032) 2016-01-08

[21] **3,009,875**
[13] A1

[51] **Int.Cl. C08J 9/16 (2006.01) B32B 5/20 (2006.01) B32B 27/10 (2006.01) B65D 1/34 (2006.01) C08J 9/22 (2006.01) D21H 17/33 (2006.01) D21H 21/56 (2006.01)**

[25] EN

[54] **METHODS FOR MAKING PAPER OR BOARD, A BOARD TRAY AND PULP PARTICLES COATED WITH FOAMABLE POLYMER FOR USE IN THE SAME**

[54] **PROCEDES DE FABRICATION DE PAPIER OU DE CARTON, BARQUETTE EN CARTON, ET PARTICULES DE PATE ENROBEES DE POLYMERE MOUSSANT A UTILISER DANS CES DERNIERS**

[72] RASANEN, JARI, FI

[72] HILTUNEN, MARI, FI

[72] HARLIN, ALI, FI

[72] KOSKELA, HANNA, FI

[72] LAINE, CHRISTIANE, FI

[72] KELA, LAURA, FI

[71] STORA ENSO OYJ, FI

[85] 2018-06-27

[86] 2017-02-06 (PCT/IB2017/050629)

[87] (WO2017/137879)

[30] SE (1650183-5) 2016-02-12

[21] **3,009,876**
[13] A1

[51] **Int.Cl. B01J 39/05 (2017.01) B01J 41/05 (2017.01) B01J 47/04 (2006.01)**

[25] EN

[54] **PURIFICATION PROCESS FOR HYDROPHILIC ORGANIC SOLVENT**

[54] **PROCEDE DE PURIFICATION DE SOLVANT ORGANIQUE HYDROPHILE**

[72] OHBA, KAORU, JP

[72] TAKANO, KENJI, JP

[72] IIDA, MASONORI, JP

[72] ABE, SHINNOSUKE, JP

[72] MASUDO, TAKASHI, JP

[72] KISHIZAKI, OSAMU, JP

[72] ISHIBASHI, RYO, JP

[72] YAMASHITA, YUSUKE, JP

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2018-06-26

[86] 2016-12-16 (PCT/US2016/067172)

[87] (WO2017/116755)

[30] JP (2015-256337) 2015-12-28

[21] **3,009,877**
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 30/06 (2012.01)**

[25] EN

[54] **USER INTERFACE**

[54] **INTERFACE UTILISATEUR**

[72] JONES, MARIA FRANCISCA, GB

[72] JONES, ALEXANDER, GB

[71] JONES, MARIA FRANCISCA, GB

[85] 2018-06-27

[86] 2016-12-30 (PCT/GB2016/054092)

[87] (WO2017/115093)

[30] GB (1523166.5) 2015-12-31

[21] **3,009,878**
[13] A1

[51] **Int.Cl. A61F 13/02 (2006.01) A61F 13/00 (2006.01) A61M 1/00 (2006.01)**

[25] EN

[54] **NEGATIVE PRESSURE WOUND THERAPY APPARATUS**

[54] **APPAREIL DE TRAITEMENT DES PLAIES EN PRESSION NEGATIVE**

[72] NOBLE, STEPHANIE JANE, GB

[72] GREENER, BRYAN, GB

[72] GOWANS, JOHN PHILIP, GB

[71] SMITH & NEPHEW PLC, GB

[85] 2018-06-27

[86] 2016-12-22 (PCT/EP2016/082353)

[87] (WO2017/114745)

[30] US (62/273,038) 2015-12-30

[30] US (62/273,200) 2015-12-30

[21] **3,009,879**
[13] A1

[51] **Int.Cl. B03D 1/012 (2006.01) B03D 1/02 (2006.01) C22B 3/00 (2006.01)**

[25] EN

[54] **MIXED DECYL MERCAPTANS COMPOSITIONS AND USE THEREOF AS MINING CHEMICAL COLLECTORS**

[54] **COMPOSITIONS DE DECYLE-MERCAPTANS MELANGEES ET LEUR UTILISATION EN TANT QUE COLLECTEURS DE PRODUITS CHIMIQUES D'EXTRACTION MINIERE**

[72] BYERS, JIM, US

[72] MATSON, MICHAEL, US

[72] KREIDER, JASON, US

[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US

[85] 2018-06-27

[86] 2016-10-26 (PCT/US2016/058831)

[87] (WO2017/116542)

[30] US (14/981,475) 2015-12-28

[30] US (15/284,809) 2016-10-04

[21] **3,009,880**
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) C07K 4/00 (2006.01) C07K 14/00 (2006.01) C07K 14/475 (2006.01) C07K 14/565 (2006.01) C07K 19/00 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12P 21/00 (2006.01)**

[25] EN

[54] **PEPTIDE TAG AND TAGGED PROTEIN INCLUDING SAME**

[54] **MARQUEUR PEPTIDIQUE ET PROTEINE MARQUEE COMPRENANT CELUI-CI**

[72] KOIKE, KAZUYOSHI, JP

[72] TAKITA, EIJI, JP

[72] KANEDA, KOICHI, JP

[71] IDEMITSU KOSAN CO., LTD., JP

[85] 2018-06-27

[86] 2016-12-28 (PCT/JP2016/089139)

[87] (WO2017/115853)

[30] JP (2015-256396) 2015-12-28

[30] JP (2016-153265) 2016-08-03

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[13] A1
[51] Int.Cl. F28D 9/00 (2006.01) F28F 3/02 (2006.01) F28F 3/04 (2006.01) F28F 13/14 (2006.01)
[25] EN
[54] A HEAT EXCHANGER PLATE FOR A PLATE HEAT EXCHANGER, AND A PLATE HEAT EXCHANGER
[54] PLAQUE D'ECHANGEUR DE CHALEUR POUR ECHANGEUR DE CHALEUR A PLAQUES, ET ECHANGEUR DE CHALEUR A PLAQUES ASSOCIE
[72] ROMLUND, JENS, SE
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2018-06-27
[86] 2017-01-27 (PCT/EP2017/051715)
[87] (WO2017/144230)
[30] SE (1650241-1) 2016-02-24

[21] 3,009,883
[13] A1
[51] Int.Cl. A61K 48/00 (2006.01) A61K 39/395 (2006.01) A61K 45/00 (2006.01)
[25] EN
[54] A COMBINATION THERAPY USING REIC/DKK-3 GENE AND A CHECKPOINT INHIBITOR
[54] POLYTHERAPIE UTILISANT LE GENE REIC/DKK-3 ET UN INHIBITEUR DE POINT DE CONTROLE
[72] KUMON, HIROMI, JP
[72] LOWENTHAL, RICHARD, US
[71] MOMOTARO-GENE INC., JP
[85] 2018-06-27
[86] 2017-01-06 (PCT/JP2017/000318)
[87] (WO2017/119499)
[30] US (62/276,371) 2016-01-08

[21] 3,009,884
[13] A1
[51] Int.Cl. C09D 5/33 (2006.01)
[25] EN
[54] INFRARED FLUORESCENT COATING COMPOSITIONS
[54] COMPOSITIONS DE REVETEMENT FLUORESCENT INFRAROUGE
[72] ZALICH, MICHAEL A., US
[72] BAXTER, MICHAEL F., US
[72] BERDAHL, PAUL H., US
[72] HELLRING, STUART D., US
[72] STALKER, JEFFREY L., US
[71] PPG INDUSTRIES OHIO, INC., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-06-27
[86] 2016-10-28 (PCT/US2016/059488)
[87] (WO2017/116549)
[30] US (62/272,391) 2015-12-29
[30] US (62/272,357) 2015-12-29
[30] US (62/272,377) 2015-12-29

[21] 3,009,886
[13] A1
[51] Int.Cl. H01H 47/00 (2006.01)
[25] EN
[54] POWER OUTLET HAVING AVAILABILITY NOTIFICATION
[54] PRISE ELECTRIQUE COMPORTANT UNE INDICATION DE DISPONIBILITE
[72] BONILLA, NELSON, US
[72] ABUGHAZALEH, SHADI ALEX, US
[71] HUBBELL INCORPORATED, US
[85] 2018-06-27
[86] 2016-12-20 (PCT/US2016/067746)
[87] (WO2017/116847)
[30] US (62/273,183) 2015-12-30

[21] 3,009,887
[13] A1
[51] Int.Cl. H01L 39/24 (2006.01)
[25] EN
[54] FABRICATION OF INTERLAYER DIELECTRICS WITH HIGH QUALITY INTERFACES FOR QUANTUM COMPUTING DEVICES
[54] FABRICATION DE DIELECTRIQUES INTERCALAIRES A INTERFACES DE GRANDE QUALITE POUR DISPOSITIFS INFORMATIQUES QUANTIQUES
[72] MEGRANT, ANTHONY EDWARD, US
[71] GOOGLE LLC, US
[85] 2018-06-27
[86] 2015-12-30 (PCT/US2015/068130)
[87] (WO2017/116442)

[21] 3,009,888
[13] A1
[51] Int.Cl. E21B 21/10 (2006.01) E21B 34/14 (2006.01)
[25] EN
[54] DOWNHOLE VALVE APPARATUS
[54] APPAREIL DE SOUPAPE DE FOND DE TROU
[72] ATKINS, JAMES EDWARD, GB
[72] BUCKLAND, JONATHAN PETER, GB
[72] LINKLATER, JAMES, GB
[71] M-I DRILLING FLUIDS U.K. LIMITED, GB
[85] 2018-06-27
[86] 2016-12-29 (PCT/GB2016/054087)
[87] (WO2017/115088)
[30] GB (1523097.2) 2015-12-30
[30] GB (1523095.6) 2015-12-30

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[21] 3,009,889
[13] A1

[51] **Int.Cl. G01S 13/87 (2006.01) G01S 5/02 (2010.01) G06K 7/00 (2006.01)**

[25] EN

[54] **SMART CARD READER WITH ELECTROSTATIC DISCHARGE PROTECTION**

[54] **LECTEUR DE CARTE A PUCE A PROTECTION CONTRE LES DECHARGES ELECTROSTATIQUES**

[72] BEALS, WILLIAM MICHAEL, US

[71] ECHOSTAR TECHNOLOGIES L.L.C., US

[85] 2018-06-27

[86] 2016-12-20 (PCT/US2016/067762)

[87] (WO2017/116849)

[30] US (14/981,012) 2015-12-28

[21] 3,009,890
[13] A1

[51] **Int.Cl. A47C 19/00 (2006.01) A47B 95/00 (2006.01) F16B 12/20 (2006.01) F16B 12/22 (2006.01) F16B 12/26 (2006.01) F16B 12/56 (2006.01) F16B 12/58 (2006.01)**

[25] EN

[54] **FOUNDATION AND FRAME FOR BED**

[54] **BASE ET CADRE POUR LIT**

[72] GRIFFITH, MATTHEW, US

[72] KEELEY, NATALIE, US

[72] PETERSON, CRAIG, US

[71] SLEEP NUMBER CORPORATION, US

[85] 2018-06-27

[86] 2016-12-22 (PCT/US2016/068210)

[87] (WO2017/116946)

[30] US (62/273,640) 2015-12-31

[21] 3,009,892
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 30/06 (2012.01)**

[25] EN

[54] **AN ELECTRONIC TRANSACTION METHOD AND APPARATUS**

[54] **PROCEDE ET APPAREIL DE TRANSACTION ELECTRONIQUE**

[72] JONES, MARIA FRANCISCA, GB

[71] JONES, MARIA FRANCISCA, GB

[85] 2018-06-27

[86] 2016-12-30 (PCT/GB2016/054089)

[87] (WO2017/115090)

[30] GB (1523166.5) 2015-12-31

[21] 3,009,894
[13] A1

[51] **Int.Cl. E21B 47/12 (2012.01) E21B 41/00 (2006.01)**

[25] EN

[54] **ELECTROMAGNETIC TELEMETRY USING A TRANSCIEVER IN AN ADJACENT WELLBORE**

[54] **TELEMESURE ELECTROMAGNETIQUE UTILISANT UN EMETTEUR-RECEPTEUR DANS UN PUIT DE FORAGE ADJACENT**

[72] WILSON, GLENN ANDREW, SG

[72] FAN, YIJING, SG

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2018-06-27

[86] 2016-09-02 (PCT/US2016/050211)

[87] (WO2017/131822)

[30] US (62/286,644) 2016-01-25

[21] 3,009,895
[13] A1

[51] **Int.Cl. G01N 35/00 (2006.01) G01N 11/10 (2006.01) G01N 33/569 (2006.01)**

[25] FR

[54] **METHOD FOR CLASSIFYING MICROORGANISMS**

[54] **PROCEDE DE CLASSIFICATION DE MICROORGANISMES**

[72] DI DOMENICO, ENEA GINO, IT

[72] ENSOLI, FABRIZIO, IT

[72] TOMA, LUIGI, IT

[72] BERNARDI, THIERRY, FR

[72] PROVOT, CHRISTIAN, FR

[71] BIOFILM CONTROL, FR

[85] 2018-06-22

[86] 2017-01-05 (PCT/FR2017/050033)

[87] (WO2017/121946)

[30] FR (1650345) 2016-01-15

[30] FR (1652784) 2016-03-31

[21] 3,009,897
[13] A1

[51] **Int.Cl. B25J 9/00 (2006.01) A45F 3/10 (2006.01) B25J 9/08 (2006.01) B25J 19/00 (2006.01)**

[25] FR

[54] **MODULAR EXOSKELETON STRUCTURE THAT PROVIDES FORCE ASSISTANCE TO THE USER**

[54] **STRUCTURE MODULAIRE D'EXOSQUELETTE POUR L'ASSISTANCE A L'EFFORT D'UN UTILISATEUR**

[72] GRENIER, JORDANE, FR

[72] BEDARD, STEPHANE, CA

[72] THIEFFRY, ROLAND, FR

[72] VAURE, ALEXANDRE, FR

[72] BAPTISTA, JONATHAN, FR

[71] B-TEMIA INC., CA

[71] SAFRAN ELECTRONICS & DEFENSE, FR

[85] 2018-06-22

[86] 2016-12-23 (PCT/EP2016/082597)

[87] (WO2017/109196)

[30] FR (1563348) 2015-12-24

[30] FR (1563350) 2015-12-24

[21] 3,009,899
[13] A1

[51] **Int.Cl. B60L 11/18 (2006.01) H01R 13/66 (2006.01)**

[25] FR

[54] **SAFETY SYSTEM FOR AN ELECTROMECHANICAL COUPLING ASSEMBLY, CHARGING STATION FOR AN ELECTRIC VEHICLE PROVIDED WITH SUCH A SYSTEM AND ASSOCIATED COUPLING METHOD**

[54] **SYSTEME DE SECURISATION POUR UN ENSEMBLE DE COUPLAGE ELECTROMECHANIQUE, STATION DE RECHARGE D'UN VEHICULE ELECTRIQUE MUNIE D'UN TEL SYSTEME ET PROCEDE DE COUPLAGE ASSOCIE**

[72] BAYLARD, ERIC, FR

[72] DERRIEN, MARC, FR

[71] BLUEGRAM, FR

[85] 2018-06-26

[86] 2016-12-15 (PCT/EP2016/081262)

[87] (WO2017/118555)

[30] FR (1650071) 2016-01-06

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[21] 3,009,903
[13] A1
[51] Int.Cl. C12N 15/70 (2006.01) A61K 39/12 (2006.01) C07K 14/01 (2006.01) C07K 14/555 (2006.01)
[25] EN
[54] METHOD OF PREPARING PORCINE CIRCOVIRUS TYPE 2 CAPSID PROTEIN AND PHARMACEUTICAL COMPOSITION COMPRISING SAME
[54] PROCEDE DE PREPARATION D'UNE PROTEINE DE CAPSIDE DE CIRCOVIRUS PORCIN DE TYPE 2 ET COMPOSITION PHARMACEUTIQUE LA CONTENANT
[72] LIN, JIUNN-HORNG, CN
[72] CHIEN, ZENG-WENG, CN
[72] WANG, JYH-PERNG, CN
[72] PENG, TZU-TING, CN
[72] LEE, HUEI-YU, CN
[72] HUANG, WENG-ZENG, CN
[72] WANG, SHIH-RONG, CN
[72] YANG, CHENG-YAO, CN
[71] AGRICULTURAL TECHNOLOGY RESEARCH INSTITUTE, CN
[85] 2018-06-27
[86] 2015-12-28 (PCT/CN2015/099172)
[87] (WO2017/113050)

[21] 3,009,904
[13] A1
[51] Int.Cl. C07K 16/40 (2006.01) A61K 39/395 (2006.01) A61P 3/06 (2006.01) C12N 9/64 (2006.01)
[25] EN
[54] PCSK9 ANTIBODY, ANTIGEN-BINDING FRAGMENT THEREOF, AND MEDICINAL APPLICATION THEREOF
[54] ANTICORPS ANTI-PCSK9, FRAGMENT DE LIAISON A L'ANTIGENE ASSOCIE ET APPLICATION MEDICALE ASSOCIEE
[72] QU, XIANGDONG, CN
[72] YE, XIN, CN
[72] XU, SHAOYU, CN
[72] YUAN, BEI, CN
[72] CUI, DONGBING, CN
[72] HU, QIYUE, CN
[72] ZHANG, LEI, CN
[72] XU, ZHIBIN, CN
[72] TAO, WEIKANG, CN
[72] ZHANG, LIANSHAN, CN
[72] SUN, PIAOYANG, CN
[71] JIANGSU HENGRI MEDICINE CO., LTD., CN
[71] SHANGHAI HENGRI PHARMACEUTICAL CO., LTD., CN
[85] 2018-06-27
[86] 2016-12-20 (PCT/CN2016/111053)
[87] (WO2017/114230)
[30] CN (201511024618.2) 2015-12-31

[21] 3,009,905
[13] A1
[51] Int.Cl. C22C 38/58 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/06 (2006.01) C22C 38/42 (2006.01) C22C 38/44 (2006.01) C22C 38/46 (2006.01) C22C 38/48 (2006.01) C22C 38/50 (2006.01) C22C 38/54 (2006.01)
[25] EN
[54] STEEL PLATE FOR HIGH-STRENGTH AND HIGH-TOUGHNESS STEEL PIPES AND METHOD FOR PRODUCING STEEL PLATE
[54] TOLE D'ACIER POUR TUBES D'ACIER HAUTE RESISTANCE/HAUTE TENACITE, ET SON PROCEDE DE PRODUCTION
[72] KIMURA, HIIDEYUKI, JP
[72] NAGAO, RYO, JP
[72] ISHIKAWA, NOBUYUKI, JP
[72] HASE, KAZUKUNI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-06-27
[86] 2017-01-23 (PCT/JP2017/002060)
[87] (WO2017/130885)
[30] JP (2016-015000) 2016-01-29

[21] 3,009,911
[13] A1
[51] Int.Cl. G01N 33/49 (2006.01) A61B 5/15 (2006.01) B01L 3/00 (2006.01)
[25] EN
[54] PROCOAGULANT FACTORS SUITABLE FOR SUBSEQUENT AUTOLOGOUS USE
[54] FACTEURS PROCOAGULANTS APPROPRIES POUR UNE UTILISATION AUTOLOGUE ULTERIEURE
[72] LUNDQUIST, RASMUS, DK
[72] HOLM, NIELS ERIK, DK
[71] REAPPLIX APS, DK
[85] 2018-06-26
[86] 2017-01-06 (PCT/EP2017/050263)
[87] (WO2017/118729)
[30] EP (16150311.5) 2016-01-06
[30] DK (PA 2016 70017) 2016-01-14

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[21] 3,009,916
[13] A1

[51] Int.Cl. A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/517 (2006.01)

[25] EN

[54] **AFATINIB-CONTAINING FORMULATION**

[54] **COMPOSITION CONTENANT DE L'AFATINIB**

[72] PELIPENKO, JAN, SI

[72] KRISTAN, KATJA, SI

[72] OBLAK, MARKO, SI

[72] HOMAR, MIHA, SI

[72] GRAHEK, ROK, SI

[71] SANDOZ AG, CH

[85] 2018-06-27

[86] 2016-10-11 (PCT/EP2016/074299)

[87] (WO2017/064039)

[30] EP (EP15189380.7) 2015-10-12

[21] 3,009,917
[13] A1

[51] Int.Cl. B29B 17/00 (2006.01) C08J 11/16 (2006.01)

[25] EN

[54] **REACTOR FOR CONTINUOUSLY TREATING POLYMERIC MATERIAL**

[54] **REACTEUR POUR LE TRAITEMENT EN CONTINU DE MATERIAU POLYMERE**

[72] GIL, AMALIA, CA

[72] DIMONDO, DOMENIC, CA

[72] RYBICKI, RADEK, CA

[71] GREENMANTRA RECYCLING TECHNOLOGIES LTD., CA

[85] 2018-06-27

[86] 2016-12-30 (PCT/CA2016/051555)

[87] (WO2017/113020)

[30] US (62/273,411) 2015-12-30

[21] 3,009,918
[13] A1

[51] Int.Cl. A61K 38/46 (2006.01) A61K 35/18 (2015.01) A61K 38/51 (2006.01) A61P 35/00 (2006.01)

[25] EN

[54] **METHOD OF TREATING A MAMMAL, INCLUDING HUMAN, AGAINST CANCER USING METHIONINE AND ASPARAGINE DEPLETION**

[54] **PROCEDE DE TRAITEMENT D'UN MAMMIFERE, COMPRENANT UN HUMAIN, CONTRE LE CANCER UTILISANT UNE DEPLETION EN METHIONINE ET ASPARAGINE**

[72] AGUERA, KARINE, FR

[72] BERLIER, WILLY, FR

[72] GAY, FABIEN, FR

[72] GODFRIN, YANN, FR

[71] ERYTECH PHARMA, FR

[85] 2018-06-27

[86] 2017-01-02 (PCT/EP2017/050006)

[87] (WO2017/114966)

[30] EP (15307197.2) 2015-12-31

[21] 3,009,919
[13] A1

[51] Int.Cl. H04L 29/06 (2006.01) H04L 12/58 (2006.01)

[25] EN

[54] **METHOD FOR THE CERTIFICATION OF ELECTRONIC MAIL CONTAINING A RECOGNISED ELECTRONIC SIGNATURE ON THE PART OF A TELECOMMUNICATIONS OPERATOR**

[54] **PROCEDE PERMETTANT LA CERTIFICATION D'UN COURRIER ELECTRONIQUE CONTENANT UNE SIGNATURE ELECTRONIQUE RECONNUE DE LA PART D'UN OPERATEUR DE TELECOMMUNICATIONS**

[72] SAPENA SOLER, FRANCISCO, ES

[71] LLEIDANETWORKS SERVICES TELEMATICS, S.A., ES

[85] 2018-06-27

[86] 2016-12-22 (PCT/EP2016/082298)

[87] (WO2017/114731)

[30] EP (15382665.6) 2015-12-28

[21] 3,009,922
[13] A1

[51] Int.Cl. A61K 41/00 (2006.01) A61K 8/34 (2006.01) A61K 8/49 (2006.01) A61K 8/86 (2006.01) A61K 33/00 (2006.01) A61K 47/10 (2017.01) A61P 1/02 (2006.01) A61P 17/02 (2006.01) A61P 17/10 (2006.01) A61P 29/00 (2006.01) A61Q 19/08 (2006.01) C07D 311/82 (2006.01) C07D 487/22 (2006.01) C07D 493/10 (2006.01) C09K 11/06 (2006.01)

[25] EN

[54] **PEROXIDE-LESS BIOPHOTONIC COMPOSITIONS AND METHODS**

[54] **COMPOSITIONS BIOPHOTONIQUES SANS PEROXYDE ET PROCEDES**

[72] CURTIS, WILLIAM, CA

[72] BELLINI, FRANCESCO, CA

[72] OTHAYON, DAVID, CA

[72] PIERGALLINI, REMIGIO, IT

[72] LOUPIS, NIKOLAOS, GR

[71] KLOX TECHNOLOGIES LIMITED, IE

[85] 2018-06-26

[86] 2016-12-28 (PCT/CA2016/051544)

[87] (WO2017/113013)

[30] US (62/271,593) 2015-12-28

[21] 3,009,923
[13] A1

[51] Int.Cl. A24F 47/00 (2006.01)

[25] EN

[54] **AEROSOL-GENERATING SYSTEM WITH USAGE DETERMINATION**

[54] **SYSTEME DE GENERATION D'AEROSOL AVEC DETERMINATION D'UTILISATION**

[72] RIEVELL, TONY, GB

[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2018-06-26

[86] 2017-02-17 (PCT/EP2017/053705)

[87] (WO2017/140898)

[30] EP (16156604.7) 2016-02-19

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[21] 3,009,924
[13] A1
[51] Int.Cl. H05K 7/20 (2006.01) B21D 53/02 (2006.01) B23P 15/26 (2006.01) F25B 13/00 (2006.01) F28F 13/08 (2006.01)
[25] EN
[54] VACUUM-BASED THERMAL MANAGEMENT SYSTEM
[54] SYSTEME DE GESTION THERMIQUE FAISANT APPEL AU VIDE
[72] PARNES, TAL., IL
[72] EADELSON, NAHSION, IL
[71] ZUTA-CORE LTD., IL
[85] 2018-06-27
[86] 2016-12-27 (PCT/IL.2016/051384)
[87] (WO2017/115359)
[30] US (62/272,290) 2015-12-29

[21] 3,009,927
[13] A1
[51] Int.Cl. C07D 275/06 (2006.01)
[25] EN
[54] PROCESS FOR PREPARING 1,1,3-TRIOXO-1,2-BENZOTHAZOLE-6-CARBOXAMIDE
[54] PROCEDE DE PREPARATION DE 1,1,3-TRIOXO-1,2-BENZOTHAZOLE-6-CARBOXAMIDE
[72] YACOVAN, AVIHAI, IL
[72] BARDA, YANIV, IL
[72] MIRILASHVILI, SIMA, IL
[72] BARON, SHIMUEL A., IL
[71] ADAMA AGAN LTD., IL
[85] 2018-06-26
[86] 2016-12-28 (PCT/IL2016/001918)
[87] (WO2017/115134)
[30] IN (201631000081) 2016-01-01

[21] 3,009,928
[13] A1
[51] Int.Cl. A61K 39/12 (2006.01) C07K 14/005 (2006.01) C12N 15/86 (2006.01)
[25] EN
[54] RECOMBINANT MODIFIED VACCINIA VIRUS ANKARA (MVA) EQUINE ENCEPHALITIS VIRUS VACCINE
[54] VACCIN CONTRE LE VIRUS DE L'ENCEPHALITE EQUINE BASE SUR UN VIRUS MODIFIE DE LA VACCINE ANKARA (MVA) RECOMBINANT
[72] STEIGERWALD, ROBIN, DE
[72] KALLA, MARKUS, DE
[71] BAVARIAN NORDIC A/S, DK
[85] 2018-06-27
[86] 2017-01-27 (PCT/EP2017/051807)
[87] (WO2017/129765)
[30] EP (16153394.8) 2016-01-29
[30] EP (16157055.1) 2016-02-24
[30] EP (16185012.8) 2016-08-19

[21] 3,009,930
[13] A1
[51] Int.Cl. B65D 65/46 (2006.01) B32B 23/08 (2006.01) B32B 27/18 (2006.01) B32B 27/32 (2006.01) B32B 27/36 (2006.01)
[25] EN
[54] BIO-DEGRADABLE POLYMERIC SHEET
[54] FEUILLE POLYMERE BIODEGRADABLE
[72] ALKAHER, SILOMO, IL
[72] LEWITUS, DAN, IL
[72] OPHIR, AMOS, IL
[72] DOTAN, ANA LEA, IL
[71] ELBIT SYSTEMS LTD., IL
[85] 2018-06-27
[86] 2016-12-27 (PCT/IL.2016/051385)
[87] (WO2017/115360)
[30] IL (243356) 2015-12-27

[21] 3,009,933
[13] A1
[51] Int.Cl. C09K 5/10 (2006.01)
[25] EN
[54] HEAT TRANSFER MEDIUM
[54] MILIEU DE TRANSFERT DE CHALEUR
[72] CHAN, KI, SG
[71] QUANTUM TECHNOLOGY GROUP LIMITED, SG
[85] 2018-06-26
[86] 2017-08-24 (PCT/IB2017/001017)
[87] (WO2018/042241)
[30] US (62/380,764) 2016-08-29
[30] US (15/684,536) 2017-08-23

[21] 3,009,934
[13] A1
[51] Int.Cl. C22B 3/00 (2006.01) C22B 3/08 (2006.01) C22B 3/26 (2006.01) C22B 26/12 (2006.01) C25B 1/16 (2006.01)
[25] EN
[54] INTEGRATED LITHIUM PRODUCTION PROCESS
[54] PROCEDE INTEGRE DE PRODUCTION DE LITHIUM
[72] LIPP, JONATHAN, IL
[72] DOBRIN, NADAV, IL
[71] TENOVA ADVANCED TECHNOLOGIES LTD., IL
[85] 2018-06-26
[86] 2017-02-07 (PCT/IL2017/050644)
[87] (WO2017/137885)
[30] GB (1602259.2) 2016-02-08

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[21] **3,009,936**
[13] A1

[51] **Int.Cl. A61F 13/514 (2006.01) D04H 1/541 (2012.01) D04H 1/559 (2012.01) B32B 5/26 (2006.01)**

[25] EN

[54] **NONWOVEN FABRIC FOR OUTER SHEET OF ABSORBENT ARTICLE, AND ABSORBENT ARTICLE INCLUDING THE NONWOVEN FABRIC AS OUTER SHEET**

[54] **TISSU NON-TISSE POUR FEUILLE EXTERIEURE D'ARTICLE ABSORBANT, ET ARTICLE ABSORBANT CONTENANT CE TISSU NON-TISSE EN TANT QUE FEUILLE EXTERIEURE**

[72] MIYAMA, TAKUYA, JP

[72] SAKAGUCHI, SATORU, JP

[72] UIDA, MASASHI, JP

[71] UNICHARM CORPORATION, JP

[85] 2018-06-27

[86] 2016-10-13 (PCT/JP2016/080408)

[87] (WO2017/115523)

[30] JP (2015-257476) 2015-12-28

[21] **3,009,939**
[13] A1

[51] **Int.Cl. C01B 3/08 (2006.01) H01M 8/0606 (2016.01) C01B 3/06 (2006.01)**

[25] EN

[54] **FUEL CARTRIDGE**

[54] **CARTOUCHE DE COMBUSTIBLE**

[72] GLANTZ, MICHAEL, SE

[72] WESTERHOLM, BJORN, SE

[72] OLSSON, HENRIK, SE

[72] MCGEE, SEAN, SE

[71] MYFC AB, SE

[85] 2018-06-26

[86] 2016-12-20 (PCT/SE2016/051292)

[87] (WO2017/119839)

[30] SE (1650015-9) 2016-01-05

[21] **3,009,940**
[13] A1

[51] **Int.Cl. C01B 3/08 (2006.01)**

[25] EN

[54] **DISTRIBUTION OF REACTANT SOLUTION IN A FUEL CARTRIDGE**

[54] **DISTRIBUTION DE SOLUTION REACTIVE DANS UNE CARTOUCHE DE COMBUSTIBLE**

[72] GLANTZ, MICHAEL, SE

[72] WESTERHOLM, BJORN, SE

[71] MYFC AB, SE

[85] 2018-06-26

[86] 2016-12-20 (PCT/SE2016/051293)

[87] (WO2017/119840)

[30] SE (1650014-2) 2016-01-05

[21] **3,009,941**
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/08 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR PROJECT CONTRACT MANAGEMENT**

[54] **SYSTEME ET PROCEDE DE GESTION DE CONTRATS DE PROJET**

[72] EASTON, LINCOLN KEITH, AU

[72] BALLINGER, MARK WILLIAM, AU

[72] BRUSCELLA, VITO BENITO, AU

[71] PROGRESSCLAIM.COM PTY LTD, AU

[85] 2018-06-27

[86] 2015-12-30 (PCT/AU2015/050851)

[87] (WO2017/112975)

[21] **3,009,942**
[13] A1

[51] **Int.Cl. G02B 6/42 (2006.01) G02B 6/028 (2006.01)**

[25] EN

[54] **ENCIRCLED FLUX COMPLIANT TEST APPARATUS**

[54] **APPAREIL DE TEST COMPATIBLE AVEC UN FLUX ENCERCLE**

[72] LIU, BIN, US

[72] HUANG, XIUJIANG, US

[72] PRESCOTT, SCOTT, US

[71] AFL TELECOMMUNICATIONS LLC, US

[85] 2018-06-26

[86] 2016-12-19 (PCT/US2016/067424)

[87] (WO2017/116781)

[30] US (62/273,652) 2015-12-31

[30] US (62/275,938) 2016-01-07

[21] **3,009,943**
[13] A1

[51] **Int.Cl. A61M 25/16 (2006.01) A61M 25/01 (2006.01) F16C 1/00 (2006.01) F16C 1/02 (2006.01)**

[25] EN

[54] **FLEXIBLE CATHETER**

[54] **CATHETER FLEXIBLE**

[72] MOQUIN, CRAIG, US

[72] FILACIHEK, ANDREW, US

[72] REINHARDT, PAIGE, US

[72] KOEHLER, MATTHEW, US

[72] DE MEDICI, DARREN, US

[72] BURPEE, JANET, US

[71] TRACTUS VASCULAR, LLC, US

[85] 2018-06-26

[86] 2016-12-27 (PCT/US2016/068646)

[87] (WO2017/117092)

[30] US (62/274,203) 2016-01-01

[21] **3,009,944**
[13] A1

[51] **Int.Cl. H04L 29/08 (2006.01) G06N 99/00 (2010.01)**

[25] EN

[54] **OPTIMIZED ROUTING OF INTERACTIONS TO CONTACT CENTER AGENTS BASED ON MACHINE LEARNING**

[54] **ACHEMINEMENT OPTIMISE D'INTERACTIONS VERS DES AGENTS DE CENTRE D'APPELS SUR LA BASE D'UN APPRENTISSAGE MACHINE**

[72] MCGANN, CONOR, US

[72] ARAVAMUDHAN, BHARATHI, US

[72] MAKAGON, PETR, US

[72] RISTOCK, HERBERT WILLI ARTUR, US

[72] KONIG, YOCHAI, US

[72] DUCLOS, GREGORY, US

[72] ZHAKOV, VYACHESLAV, US

[72] PELEMIS, DAMJAN, CA

[71] GREENEDEN U.S. HOLDINGS II, LLC, US

[85] 2018-06-01

[86] 2016-10-18 (PCT/US2016/057560)

[87] (WO2017/070126)

[30] US (14/887,297) 2015-10-19

[30] US (14/887,276) 2015-10-19

[30] US (14/887,318) 2015-10-19

[30] US (14/887,310) 2015-10-19

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[21] 3,009,945
[13] A1
[51] Int.Cl. B60S 1/38 (2006.01) B60S 1/40 (2006.01) B60S 1/42 (2006.01)
[25] EN
[54] ONE-TOUCH SLIDE ASSEMBLY TYPE WIPER BLADE
[54] BALAI D'ESSUIE-GLACE DE TYPE ENSEMBLE COULISSANT A SIMPLE APPUI
[72] GOH, SU YEUN, KR
[71] GOS CO. LTD., KR
[85] 2018-06-27
[86] 2015-12-28 (PCT/KR2015/014302)
[87] (WO2017/115880)

[21] 3,009,946
[13] A1
[51] Int.Cl. C12N 11/14 (2006.01) C12M 1/00 (2006.01) C12P 5/02 (2006.01)
[25] EN
[54] BIOCHAR AS A MICROBIAL CARRIER
[54] BIOCHARBON EN TANT QUE VECTEUR MICROBIEN
[72] BELCHER, RICHARD WILSON, US
[72] KIM, HAN SUK, US
[72] BUEGE, BRIAN, US
[72] JARAND, MARK L., US
[72] CHEIKY, MICHAEL C., US
[72] SILLS, RONALD A., US
[71] COOL PLANET ENERGY SYSTEMS, INC., US
[85] 2018-06-26
[86] 2016-12-28 (PCT/US2016/069050)
[87] (WO2017/117314)
[30] US (62/271,486) 2015-12-28
[30] US (62/290,285) 2016-02-02
[30] US (15/156,256) 2016-05-16
[30] US (62/344,865) 2016-06-02
[30] US (15/350,920) 2016-11-14
[30] US (62/432,253) 2016-12-09

[21] 3,009,947
[13] A1
[51] Int.Cl. B23F 17/00 (2006.01) B23F 5/16 (2006.01) B23F 21/00 (2006.01) B23F 21/12 (2006.01)
[25] EN
[54] DEVICE AND METHOD FOR ROUGHING AND FINE-MACHINING OF GEARS
[54] DISPOSITIF ET PROCEDE D'EBAUCHAGE ET D'USINAGE FIN DE ROUES DENTEES
[72] ZIMMERMANN, JONATHAN, DE
[71] PROFILATOR GMBH & CO. KG, DE
[85] 2018-06-26
[86] 2016-12-07 (PCT/EP2016/079991)
[87] (WO2017/097796)
[30] DE (10 2015 121 523.3) 2015-12-10

[21] 3,009,948
[13] A1
[51] Int.Cl. A61K 8/55 (2006.01) A61K 8/19 (2006.01) A61K 8/21 (2006.01) A61Q 11/00 (2006.01)
[25] EN
[54] ORAL CARE COMPOSITIONS
[54] COMPOSITIONS D'HYGIENE BUCCO-DENTAIRE
[72] SCHANKIL, DANIEL, US
[72] NAWROCKI, SHIRI, US
[72] DUBOVY, VIKTOR, US
[72] PAN, LONG, US
[72] DOGU, Nihal, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-06-26
[86] 2016-12-29 (PCT/US2016/069138)
[87] (WO2017/117363)
[30] US (62/273,314) 2015-12-30

[21] 3,009,949
[13] A1
[51] Int.Cl. A61F 13/64 (2006.01) A01N 25/24 (2006.01) A01N 25/34 (2006.01) A01N 33/12 (2006.01) A01N 47/44 (2006.01) A01N 59/16 (2006.01) A61F 5/48 (2006.01) A61F 13/00 (2006.01) A61F 13/15 (2006.01) A61F 13/47 (2006.01) A61F 13/472 (2006.01) A61F 13/49 (2006.01) A61F 13/494 (2006.01) A61F 13/514 (2006.01) A61F 13/515 (2006.01) A61F 13/539 (2006.01) A61F 13/56 (2006.01) A61F 13/84 (2006.01) A61L 2/16 (2006.01) A62B 23/02 (2006.01) B06B 3/00 (2006.01) B23K 20/10 (2006.01) B29C 65/00 (2006.01) B29C 65/08 (2006.01) D06M 11/13 (2006.01) D06M 13/256 (2006.01) D06M 13/352 (2006.01) D06M 16/00 (2006.01)
[25] EN
[54] WASH-DURABLE, FLUID ABSORBENT SUBSTRATE WITH ANTIMICROBIAL PROPERTIES AND/OR IMPROVED WASHABILITY, AND HYGIENE PRODUCT SUCH AS REUSABLE SANITARY NAPKIN
[54] SUBSTRAT ABSORBANT LES FLUIDES ET RESISTANT AU LAVAGE PRESENTANT DES PROPRIETES ANTIMICROBIENNES ET/OU UNE LAVABILITE AMELIOREE, ET PRODUIT D'HYGIENE TEL QU'UNE SERVIETTE HYGIENIQUE REUTILISABLE
[72] SWAMY, SANJEEV, CH
[72] KURIEN, ASHOK, IN
[71] GREEN IMPACT HOLDING AG, CH
[85] 2018-06-27
[86] 2017-01-02 (PCT/EP2017/050032)
[87] (WO2017/114971)
[30] EP (15203186.0) 2015-12-30
[30] EP (PCT/EP2016/054245) 2016-02-29
[30] EP (16001875.0) 2016-08-26

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[21] 3,009,952
[13] A1

[51] **Int.Cl. C12N 1/22 (2006.01) C12N 5/00 (2006.01)**

[25] EN

[54] **LAYERED CELL CULTURE PARTICLES AND METHODS OF MAKING THEREOF**

[54] **PARTICULES STRATIFIEES POUR CULTURE CELLULAIRE ET LEURS PROCEDES DE FABRICATION**

[72] PHELPS, MWITA, US

[72] GULDE, PAUL, US

[72] FIKE, RICHARD, US

[72] REYNOLDS, MARY, US

[72] HASSETT, RICHARD, US

[71] LIFE TECHNOLOGIES CORPORATION, US

[85] 2018-06-26

[86] 2016-12-30 (PCT/US2016/069564)

[87] (WO2017/117559)

[30] US (62/272,828) 2015-12-30

[21] 3,009,954
[13] A1

[51] **Int.Cl. B32B 38/06 (2006.01) B29C 59/02 (2006.01) B32B 3/30 (2006.01) B32B 38/00 (2006.01) B32B 38/10 (2006.01) B44C 3/08 (2006.01) B44C 5/04 (2006.01)**

[25] EN

[54] **A METHOD FOR MANUFACTURING A REGISTERED EMBOSSED DECORATIVE PANEL**

[54] **PROCEDE POUR FABRIQUER UN PANNEAU DECORATIF GAUFRE ALIGNE**

[72] HOIGSON-STOKX, MARCELLE, NL

[72] KOMHOFF, HENRICUS HUBERTUS MARIA, NL

[72] SYMKIENS, STEFAN HENRI DOMINIQUE MARIA, NL

[71] TRESPA INTERNATIONAL B.V., NL

[85] 2018-06-27

[86] 2017-01-18 (PCT/NL2017/050027)

[87] (WO2017/135810)

[30] NL (2016215) 2016-02-03

[21] 3,009,955
[13] A1

[51] **Int.Cl. A24B 15/00 (2006.01) A24F 47/00 (2006.01)**

[25] EN

[54] **METHODS TO ADD MATERIALS TO A CARTRIDGE AND AN ELECTRONIC VAPING DEVICE INCLUDING THE CARTRIDGE**

[54] **PROCEDES POUR L'AJOUT DE MATERIAUX A UNE CARTOUCHE ET DISPOSITIF ELECTRONIQUE DE VAPOTAGE COMPORTANT LA CARTOUCHE**

[72] KOBAL, GERD, US

[72] LI, SAN, US

[72] LIPOWICZ, PETER, US

[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2018-06-26

[86] 2017-03-03 (PCT/EP2017/055098)

[87] (WO2017/149152)

[30] US (15/059,791) 2016-03-03

[21] 3,009,956
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**

[25] EN

[54] **FLAVOR ASSEMBLY FOR ELECTRONIC VAPING DEVICE**

[54] **ENSEMBLE D'AROMATISATION POUR DISPOSITIF ELECTRONIQUE DE VAPOTAGE**

[72] KOBAL, GERD, US

[72] LI, SAN, US

[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2018-06-26

[86] 2017-03-03 (PCT/EP2017/055100)

[87] (WO2017/149154)

[30] US (15/059,790) 2016-03-03

[21] 3,009,958
[13] A1

[51] **Int.Cl. C09D 163/00 (2006.01) C09D 5/16 (2006.01) C09D 183/14 (2006.01)**

[25] EN

[54] **ANTI-BIOFOULING COATING BASED ON EPOXY RESIN AND AMINE-FUNCTIONAL POLYSILOXANE**

[54] **REVETEMENT ANTI-ENCRASSEMENT BIOLOGIQUE A BASE DE RESINE EPOXY ET DE POLYSILOXANE A FONCTIONNALITE AMINE**

[72] HUANG, YAN, CN

[72] CHEN, HONGYU, CN

[72] CAO, XINYU, CN

[72] ZHANG, YU, CN

[72] POPA, PAUL J., US

[72] LIN, YUTENG, CN

[72] ROPIER, JOHN A., US

[72] VANDEZANDE, GERALD A., US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[71] ROHM & HAAS COMPANY, US

[85] 2018-06-27

[86] 2015-12-30 (PCT/CN2015/099767)

[87] (WO2017/113149)

[21] 3,009,960
[13] A1

[51] **Int.Cl. E21B 27/04 (2006.01) B28C 7/06 (2006.01) E21B 7/00 (2006.01) E21B 7/02 (2006.01) E21D 11/10 (2006.01) E21D 20/02 (2006.01)**

[25] EN

[54] **FEED APPARATUS AND METHOD FOR FEEDING CEMENT TO A CEMENT SILO**

[54] **APPAREIL D'ALIMENTATION ET PROCEDE D'ALIMENTATION DE CIMENT DANS UN SILO DE CIMENT**

[72] SIMILA, JUKKA, FI

[72] YLI-HIANNUKSELA, TERO, FI

[72] JARVENTAUSTA, SAMI, FI

[71] SANDVIK MINING AND CONSTRUCTION OY, FI

[85] 2018-06-27

[86] 2017-01-12 (PCT/EP2017/050550)

[87] (WO2017/125307)

[30] EP (1615202.0) 2016-01-20

PCT Applications Entering the National Phase

[21] 3,009,961
[13] A1
[51] Int.Cl. A47J 31/44 (2006.01)
[25] EN
[54] APPARATUS FOR MAKING BEVERAGES USING CAPSULES CONTAINING A FOOD SUBSTANCE
[54] APPAREIL DE PREPARATION DE BOISSONS AU MOYEN DE CAPSULES CONTENANT UNE SUBSTANCE ALIMENTAIRE
[72] ACCURSI, GIOVANNI, IT
[71] CAFFITALY SYSTEM S.P.A., IT
[85] 2018-06-27
[86] 2017-01-26 (PCT/IB2017/050411)
[87] (WO2017/134544)
[30] IT (102016000010585) 2016-02-02

[21] 3,009,962
[13] A1
[51] Int.Cl. B21C 37/04 (2006.01) B21B 3/00 (2006.01) B21J 5/00 (2006.01) C22F 1/18 (2006.01)
[25] EN
[54] A METHOD OF MANUFACTURING RODS FROM TITANIUM ALLOYS
[54] PROCEDE DE FABRICATION DE TIGES A PARTIR D'ALLIAGES A BASE DE TITANE
[72] VOLOSHIN, ANDREI VLADIMIROVICH, RU
[72] MOSKALEV, ALEKSANDR YEVGENYEVICH, RU
[72] NEGODIN, DMITRIJ ALEKSEEVICH, RU
[72] NIKULIN, DMITRIJ VALERIEVICH, RU
[72] SAMOILOV, IURIJ PANTELEEVIH, RU
[71] STOCK COMPANY "CHEPIETSKY MECHANICAL PLANT" (SC CMP), RU
[85] 2018-06-22
[86] 2015-12-22 (PCT/RU2015/000912)
[87] (WO2017/111643)

[21] 3,009,965
[13] A1
[51] Int.Cl. E21B 33/06 (2006.01)
[25] EN
[54] BLOWOUT PREVENTER WITH INTERLOCKING RAM ASSEMBLY AND METHOD OF USING SAME
[54] BLOC D'OBTURATION DE Puits AVEC ENSEMBLE PISTON A ENCLenchEMENT ET SON PROCEDE D'UTILISATION
[72] DOUTY, JAMES A., US
[72] MELANCON, JEFFREY T., US
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2018-06-27
[86] 2016-01-07 (PCT/US2016/012536)
[87] (WO2017/119894)

[21] 3,009,966
[13] A1
[51] Int.Cl. B65D 88/74 (2006.01)
[25] EN
[54] VEHICLE-MOUNTED 1-MCP PRESSURE SWING ADSORPTION PRECISION PROCESSING APPARATUS AND USE METHOD
[54] APPAREIL DE TRAITEMENT DE PRECISION D'ADSORPTION MODULEE EN PRESSION 1-MCP MONTE SUR VEHICULE ET PROCEDE D'UTILISATION
[72] WANG, WENSHENG, CN
[72] CHEN, CUNKUN, CN
[72] DONG, CHENGHU, CN
[72] YU, JINZE, CN
[72] JI, HAIPENG, CN
[72] YANG, DUNDUN, CN
[71] NATIONAL ENGINEERING AND TECHNOLOGY RESEARCH CENTER FOR PRESERVATION OF AGRICULTURAL PRODUCTS (TIANJIN), CN
[85] 2018-06-27
[86] 2017-07-28 (PCT/CN2017/000475)
[87] (WO2018/023947)
[30] CN (201610622102.6) 2016-08-02

[21] 3,009,967
[13] A1
[51] Int.Cl. C10J 3/02 (2006.01) C10J 3/32 (2006.01) C10J 3/38 (2006.01)
[25] EN
[54] GASIFICATION FURNACE
[54] FOUR DE GAZEIFICATION
[72] MATSUSHITA, YASUHIARU, JP
[71] MATSUSHITA, YASUHIARU, JP
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- [72] KHALIFA, ALY, US
- [72] GORCZYNSKI, MICHAEL, US
- [72] GOMES, CATHERINA, US
- [72] SMITH, RONALD, US
- [72] PALUSKIEWICZ, SARAH, US
- [72] GRAY, STEPHEN, US
- [72] CONFREY-MALONEY, TYLER, US
- [71] UNDERCOVER COLORS, INC., US
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- [30] US (62/287,643) 2016-01-27
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[51] **Int.Cl. F16K 7/06 (2006.01) F16K 7/08 (2006.01) F16K 31/54 (2006.01)**

[25] EN

[54] **CONSTRUCTOR VALVE WITH WEBBING, CEMENTITIOUS SLURRY MIXING AND DISPENSING ASSEMBLY, AND METHOD FOR MAKING CEMENTITIOUS PRODUCT**

[54] **VANNE A ETRANGLEMENT A SANGLE, ENSEMBLE DE MELANGE ET DE DISTRIBUTION DE COULIS DE CIMENT ET PROCEDE DE FABRICATION D'UN PRODUIT DE COULIS DE CIMENT**

[72] SCHENCK, RONALD E., US

[71] UNITED STATES GYPSUM COMPANY, US

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[54] **MULTIMEDIA FILE MANAGEMENT METHOD, ELECTRONIC DEVICE, AND GRAPHICAL USER INTERFACE**

[54] **PROCEDE DE GESTION DE FICHIERS MULTIMEDIA, DISPOSITIF ELECTRONIQUE ET INTERFACE UTILISATEUR GRAPHIQUE**

[72] LIU, JIE, CN

[71] HUAWEI TECHNOLOGIES CO., LTD., CN

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[54] **SUTURE TAPE CONSTRUCT FOR PROVIDING ANCHOR WITH NON-SLIDING SUTURE TAPE**

[54] **CONSTRUCTION DE BANDE DE SUTURE PERMETTANT DE FOURNIR UN ANCRAGE A UNE BANDE DE SUTURE NON COULISSANTE**

[72] BRESLICH, GRADY, US

[71] CONMED CORPORATION, US

[85] 2018-06-27

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[54] **POULTRY FEEDER**

[54] **MANGEOIRE POUR VOLAILLE**

[72] LEO, SOAK KIAN, MY

[72] MOHAMAD, ZUBER BIN, MY

[72] TEH, CHING CHUA, MY

[72] GOH, BAK YAN, MY

[71] THE GSI GROUP LLC, US

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[54] **SYSTEMS AND METHODS FOR BANDWIDTH ESTIMATION IN OSCILLATING NETWORKS**

[54] **SYSTEMES ET PROCEDES D'ESTIMATION DE LA LARGEUR DE BANDE DANS DES RESEAUX OSCILLANTS**

[72] GILES, STEVEN, US

[72] POWELL, KYLE, US

[72] MUILESTEIN, HERRICK, US

[71] DISH TECHNOLOGIES LLC., US

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[54] **POLYOLEFIN THERMOPLASTIC ROOFING MEMBRANES WITH IMPROVED BURN RESISTIVITY**

[54] **MEMBRANES DE TOITURE THERMOPLASTIQUES EN POLYOLEFINE PRESENTANT UNE RESISTIVITE ACCRUE A LA COMBUSTION**

[72] WANG, HAO, US

[72] TIPPMANN, DONNA, US

[72] DIERIT, LOWELL, US

[72] TAYKOWSKI, TODD, US

[72] MCQUILLEN, TIMOTHY, US

[71] FIRESTONE BUILDING PRODUCTS CO., LLC, US

[85] 2018-06-27

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[54] **SYSTEM AND METHOD FOR FLEXIBLE SEALANT WITH DENSITY MODIFIER**

[54] **SYSTEME ET PROCEDE POUR UN MATERIAU D'ETANCHEITE SOUPLE PRESENTANT UN MODIFICATEUR DE DENSITE**

[72] KOCUREK, SANDRA, US

[72] KOCUREK, DEVIN, US

[72] FERRELLLO, JONATHAN, US

[71] POLYMER ADHESIVE SEALANT SYSTEMS, INC., US

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[86] 2016-12-22 (PCT/US2016/068388)

[87] (WO2017/117013)

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- [54] **COMPOSITIONS AND METHODS FOR SCREENING MUTATIONS IN THYROID CANCER**
- [54] **COMPOSITIONS ET METHODES DE RECHERCHE DE MUTATIONS DANS LE CANCER DE LA THYROIDE**
- [72] CHENG, SHIH-MIN, US
- [72] CATANESE, JOSEPH J., US
- [72] GRUPE, ANDREW, US
- [72] HANTASH, FERAS, US
- [72] WALDMAN, FREDERIC M., US
- [72] QU, KEVIN, US
- [71] QUEST DIAGNOSTICS INVESTMENTS LLC, US
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- [25] EN
- [54] **HIGH STRESS RESISTANT PLANT GROWTH REGULATOR AND PREPARATION AND USE THEREOF**
- [54] **REGULATEUR DE CROISSANCE DES PLANTES FORTEMENT RESISTANTES AU STRESS, SON PROCEDE DE PREPARATION ET SON UTILISATION**
- [72] ZHU, JIANKANG, CN
- [72] ZHANG, YULU, CN
- [72] CAO, MINJIE, CN
- [72] LIU, XUE, CN
- [72] WANG, QIUHUA, CN
- [71] SHANGHAI INSTITUTES FOR BIOLOGICAL SCIENCES, CHINESE ACADEMY OF SCIENCES, CN
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- [25] EN
- [54] **MUTATED VIRUSES, PREPARATION METHOD AND USE THEREOF**
- [54] **VIRUS MUTANT, SON PROCEDE DE PREPARATION ET SON APPLICATION**
- [72] ZHOU, DEMIN, CN
- [72] SI, LONGLONG, CN
- [72] ZHOU, XUEYING, CN
- [72] ZHANG, ZIWEI, CN
- [72] XU, HUAN, CN
- [72] TIAN, ZHENYU, CN
- [72] ZHANG, CHUANLING, CN
- [72] XIAO, SULONG, CN
- [72] XIA, QING, CN
- [72] ZHANG, LIHE, CN
- [71] PEKING UNIVERSITY, CN
- [85] 2018-06-28
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- [25] EN
- [54] **VEGETABLE AND FRUIT KABOB PET TREAT**
- [54] **FRIANDISE POUR ANIMAL DOMESTIQUE DE TYPE BROCHETTE AUX FRUITS ET AUX LEGUMES**
- [72] HARBOUR, STACEY, US
- [72] SIMS, CASEY, US
- [72] CARLEY, JOSEPH CHRISTOPHER, US
- [71] SPECTRUM BRANDS, INC., US
- [85] 2018-06-27
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- [54] **ANAMORPHIC PHOTOGRAPHY FOR DIGITAL IMAGERS**
- [54] **PHOTOGRAPHIE ANAMORPHIQUE POUR IMAGEURS NUMERIQUES**
- [72] SASAKI, DANIEL, KETTL, US
- [72] MACINTOSH, DAVID WILLIAM, US
- [72] SAIDAHIRO, HALUKI, US
- [71] PANAVISION INTERNATIONAL, L.P., US
- [85] 2018-06-27
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- [25] EN
- [54] **WEARABLE APPARATUS FOR DETECTING A TARGET SUBSTANCE IN A LIQUID**
- [54] **APPAREIL POUVANT ETRE PORTE POUR DETECTER UNE SUBSTANCE CIBLE DANS UN LIQUIDE**
- [72] LETOURNEAU, NICOLAS, US
- [72] KHALIFA, ALY, US
- [72] GORCZYNSKI, MICHAEL, US
- [72] GOMES, CATHERINA, US
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- [72] CONFREY-MALONEY, TYLER, US
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[54] **METHODES AMELIOREES POUR SURVEILLER L'ETAT IMMUNITAIRE D'UN SUJET**

[72] BERENSON, JAMES RICHARD, US

[71] BERENSON, JAMES RICHARD, US

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[54] **USE OF CARRIMYCIN IN MYCOBACTERIUM TUBERCULOSIS INFECTION RESISTANCE**

[54] **APPLICATIONS DE LA KELIMYCINE DANS LA RESISTANCE A L'INFECTION PAR MYCOBACTERIUM TUBERCULOSIS**

[72] WANG, YIGUANG, CN

[72] JIANG, YANG, CN

[72] ZHAO, XIAOFENG, CN

[72] HAO, WEIQING, CN

[71] SHENYANG FUYANG PHARMACEUTICAL TECHNOLOGY CO., LTD., CN

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[54] **PROCEDE DE DESACETYLATION DE BIOPOLYMERES**

[72] OLSSON, JOHAN, SE

[72] HARRIS, CRAIG STEVEN, FR

[71] GALDERMA S.A., CH

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[54] **PIZZLE STICK KABOB PET TREAT**

[54] **FRIANDISE EN BATONNET DE VIANDE DE STYLE KEBAB POUR ANIMAL DE COMPAGNIE**

[72] HARBOUR, STACEY, US

[72] SIMS, CASEY, US

[72] CARLEY, JOSEPH CHRISTOPHER, US

[72] KREAMER, MARC, US

[71] SPECTRUM BRANDS, INC., US

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[87] (WO2017/117143)

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[54] **TRACK-LAYING VEHICLE FOR PERFORMING TRACK-LAYING WORKS**

[54] **VEHICULE DE CONSTRUCTION DE VOIES FERREES POUR EFFECTUER DES TRAVAUX DE CONSTRUCTION DE VOIES FERREES**

[72] WEITERSBERGER, CHRISTIAN, AT

[71] PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H., AT

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[54] **OPHTHALMIC LENS**

[54] **LENTILLE OPHTALMIQUE**

[72] SANTAN, PRASHANT, US

[72] TARLETON, NEWTON M., US

[71] SIGNET ARMORLITE, INC., US

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[54] **PACKAGING SYSTEM COMPRISING A PLURALITY OF SUB UNITS, AND A SUB UNIT**

[54] **SYSTEME DE CONDITIONNEMENT**

[72] KNUITSEN, SITAN VALENTIN, NO

[71] SMART PACKAGING INDUSTRIES HOLDING AS, NO

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[30] NO (20151802) 2015-12-29

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- [25] EN
- [54] **BISPECIFIC ANTIBODIES HAVING CONSTANT REGION MUTATIONS AND USES THEREFOR**
- [54] **ANTICORPS BISPECIFIQUES AYANT DES MUTATIONS DE REGION CONSTANTE ET LEURS UTILISATIONS**
- [72] SASISEKHARAN, RAM, US
[72] THARAKARAMAN, KANNAN, US
[72] SUBRAMANIAN, VIDYA, US
[72] FLEISCHER, EDUARDO, US
[72] HATAS, ANDREW PETER, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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- [54] **PORTABLE DEVICE FOR DETECTING EXPLOSIVE SUBSTANCES COMPRISING A DEVICE FOR GENERATING AND MEASURING THE EMISSION OF AN INDICATOR**
- [54] **APPAREIL PORTATIF POUR DETECTER DES EXPLOSIFS AVEC UN DISPOSITIF POUR PRODUIRE ET MESURER DES EMISSIONS D'UN INDICATEUR**
- [72] WIDMANN, STEFAN, DE
[72] SINN, GERT, DE
[72] MITTENZWEY, KLAUS-HENRIK, DE
[71] INSTITUT DR. FOERSTER GMBH & CO. KG, DE
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- [54] **SYSTEMS, APPARATUS, AND METHODS FOR SELECTING ANTENNAS**
- [54] **SYSTEMES, APPAREIL, ET PROCEDES DE SELECTION D'ANTENNES**
- [72] BRUHN, CHRISTOPHER WILLIAM, US
[72] LANGER, PAUL, US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
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- [54] **PHOSPHATE-SOLUBILIZING FUNGAL STRAINS**
- [54] **SOUCHES FONGIQUES DE SOLUBILISATION DE PHOSPHATE**
- [72] FRODYMA, MICHAEL, US
[72] GREENSHIELDS, DAVE, CA
[72] CALDWELL, CARESSA, CA
[72] STECKLER, SHELAGH, CA
[72] PRIEST, KARI, CA
[71] NOVOZYMES BIOAG A/S, DK
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[13] A1
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- [54] **LIFTING AND TRANSPORTING SYSTEM**
- [54] **SYSTEME DE LEVAGE ET DE TRANSPORT**
- [72] DEBATTISTE, LARRY R., US
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- [54] **METHODS AND SYSTEMS FOR ADAPTIVE CONTENT DELIVERY**
- [54] **PROCEDES ET SYSTEMES DE DISTRIBUTION ADAPTATIVE DE CONTENU**
- [72] MAJOR, ROBERT DREW, US
[71] DISH TECHNOLOGIES L.L.C., US
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- [54] **METHODS AND SYSTEMS FOR ASSISTED CONTENT DELIVERY**
- [54] **PROCEDES ET SYSTEMES POUR UNE DISTRIBUTION DE CONTENU ASSISTEE**
- [72] MAJOR, ROBERT DREW, US
[71] DISH TECHNOLOGIES L.L.C., US
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[51] **Int.Cl. H04N 21/231 (2011.01) H04N 21/2343 (2011.01) H04N 21/262 (2011.01) H04N 21/2747 (2011.01) H04N 21/433 (2011.01) H04N 21/442 (2011.01) H04N 21/462 (2011.01) H04N 21/482 (2011.01) H04N 21/643 (2011.01) H04N 21/845 (2011.01) H04L 29/06 (2006.01)**

[25] EN

[54] **REMOTE STORAGE DIGITAL VIDEO RECORDER STREAMING AND RELATED METHODS**

[54] **ENREGISTREUR VIDEO NUMERIQUE A STOCKAGE DISTANT ET PROCEDES D'UTILISATION ASSOCIES**

[72] MAJOR, ROBERT DREW, US

[71] DISH TECHNOLOGIES L.L.C., US

[85] 2018-06-27

[86] 2016-12-28 (PCT/US2016/068960)

[87] (WO2017/117264)

[30] US (62/272,438) 2015-12-29

[30] US (15/392,235) 2016-12-28

[21] 3,010,043
[13] A1

[51] **Int.Cl. H04N 21/24 (2011.01) H04N 21/647 (2011.01) H04L 12/26 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01)**

[25] EN

[54] **DYNAMIC CONTENT DELIVERY ROUTING AND RELATED METHODS AND SYSTEMS**

[54] **ROUTAGE DYNAMIQUE DE DISTRIBUTION DE CONTENU ET PROCEDES ET SYSTEMES ASSOCIES**

[72] MAJOR, ROBERT DREW, US

[71] DISH TECHNOLOGIES L.L.C., US

[85] 2018-06-27

[86] 2016-12-28 (PCT/US2016/068963)

[87] (WO2017/117266)

[30] US (62/272,438) 2015-12-29

[30] US (15/392,241) 2016-12-28

[21] 3,010,044
[13] A1

[51] **Int.Cl. F23R 3/14 (2006.01) F23R 3/28 (2006.01) F23R 3/34 (2006.01)**

[25] EN

[54] **COMBUSTOR FOR A GAS TURBINE**

[54] **CHAMBRE DE COMBUSTION POUR TURBINE A GAZ**

[72] SADASIVUNI, SURESH, GB

[71] SIEMENS AKTIENGESELLSCHAFT, DE

[85] 2018-06-28

[86] 2017-01-13 (PCT/EP2017/050705)

[87] (WO2017/121872)

[30] EP (16151603.4) 2016-01-15

[21] 3,010,047
[13] A1

[51] **Int.Cl. H04B 1/3827 (2015.01)**

[25] EN

[54] **TELEPHONE HANDSET PROVIDED WITH A REMEDIAL SIGNAL GENERATOR**

[54] **COMBINE TELEPHONIQUE MUNI D'UN GENERATEUR DE SIGNAL CORRECTIF**

[72] BUTNIER, WAYNE, CA

[71] TRUST TECHNOLOGY WORLD DMCC, AE

[85] 2018-06-28

[86] 2015-12-29 (PCT/IB2015/060021)

[87] (WO2016/108179)

[30] GB (1423380.3) 2014-12-31

[21] 3,010,048
[13] A1

[51] **Int.Cl. C09J 123/10 (2006.01) C08L 23/10 (2006.01) C08L 23/12 (2006.01) C08L 23/14 (2006.01) C09J 123/12 (2006.01) C09J 123/14 (2006.01)**

[25] EN

[54] **HOT MELT ADHESIVE COMPOSITION BASED ON A BLEND OF PROPYLENE COPOLYMERS PREPARED USING SINGLE-SITE CATALYSTS AND METHODS**

[54] **COMPOSITION ADHESIVE THERMOFUSIBLE A BASE D'UN MELANGE DE COPOLYMERES DE PROPYLENE PREPARES A L'AIDE DE CATALYSEURS MONOSITES ET PROCEDES ASSOCIES**

[72] WANG, BAORYU, US

[72] GERSCHKE, KELLEY, US

[72] HAWKINS, TEHRI L., US

[72] CHARLEY, PAUL, US

[72] SECRIST, KIMBERLY E., US

[71] BOSTIK, INC., US

[85] 2018-06-27

[86] 2017-01-13 (PCT/US2017/013341)

[87] (WO2017/123874)

[30] US (62/278,747) 2016-01-14

[30] US (62/332,829) 2016-05-06

[21] 3,010,049
[13] A1

[51] **Int.Cl. A61K 39/12 (2006.01) A61K 31/12 (2006.01) A61K 31/16 (2006.01) A61K 39/145 (2006.01) A61P 1/16 (2006.01) A61P 31/14 (2006.01)**

[25] EN

[54] **VACCINE CONTAINING IMMOBILIZED VIRUS PARTICLES**

[54] **VACCIN CONTENANT DES PARTICULES VIRALES IMMOBILISEES**

[72] ONUMA, HIROTO, JP

[72] TSURUDOME, YUKARI, JP

[72] IKEDA, KAZUYUKI, JP

[72] YAMAUE, RYO, JP

[72] KIMACHI, KAZUHIKO, JP

[72] ABE, MOTOHARU, JP

[72] WATANABE, AKIHIRO, JP

[72] OHARA, YUKI, JP

[71] THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE, JP

[85] 2018-06-27

[86] 2017-01-10 (PCT/JP2017/000485)

[87] (WO2017/122635)

[30] JP (2016-006133) 2016-01-15

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[21] 3,010,050
[13] A1
[51] Int.Cl. G08B 21/04 (2006.01) G08B 25/08 (2006.01)
[25] EN
[54] ELECTRONIC FALL EVENT COMMUNICATION SYSTEM
[54] SYSTEME ELECTRONIQUE DE COMMUNICATION D'EVENEMENT DE CHUTE
[72] PERNER, JUDD J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-06-28
[86] 2016-07-12 (PCT/US2016/041830)
[87] (WO2017/116501)
[30] US (62/273,049) 2015-12-30

[21] 3,010,051
[13] A1
[51] Int.Cl. E02F 9/28 (2006.01)
[25] EN
[54] TOOL RETENTION SYSTEM HAVING POCKETED WEDGE
[54] SYSTEME DE RETENUE D'OUTIL COMPRENANT UNE CALE AYANT UNE POCHÉ
[72] CAMPOMANES, PATRICK SIMON, US
[71] CATERPILLAR INC., US
[85] 2017-06-28
[86] 2016-12-20 (PCT/US2016/067785)
[87] (WO2017/120034)
[30] US (14/987,424) 2016-01-04

[21] 3,010,052
[13] A1
[51] Int.Cl. C12Q 1/68 (2018.01)
[25] EN
[54] METHOD AND MEANS FOR DIAGNOSING TUMOURS
[54] PROCEDES ET MOYENS DE DIAGNOSTIC DE TUMEURS
[72] MENSCHIKOWSKI, MARIO, DE
[72] HAGELGANS, ALBERT, DE
[72] SIEGERT, GABRIEL, DE
[71] TECHNISCHE UNIVERSITÄT DRESDEN, DE
[85] 2018-06-28
[86] 2016-12-22 (PCT/EP2016/082414)
[87] (WO2017/114754)
[30] DE (10 2015 226 843.8) 2015-12-30
[30] DE (10 2016 216 438.4) 2016-08-31

[21] 3,010,056
[13] A1
[51] Int.Cl. A61K 39/00 (2006.01) A61K 39/44 (2006.01) A61P 27/02 (2006.01)
[25] EN
[54] ANTIBODIES AND CONJUGATES THEREOF
[54] ANTICORPS ET CONJUGUES DE CEUX-CI
[72] PERLOTTI, D. VICTOR, US
[72] TO, WAI YUEN, US
[72] LIANG, HONG, US
[71] KODIAK SCIENCES INC., US
[85] 2018-06-28
[86] 2016-12-29 (PCT/US2016/069336)
[87] (WO2017/117464)
[30] US (62/273,177) 2015-12-30

[21] 3,010,057
[13] A1
[51] Int.Cl. A61M 21/00 (2006.01) A61M 21/02 (2006.01) A61N 1/00 (2006.01) A61N 1/04 (2006.01) A61N 1/05 (2006.01) A61N 1/18 (2006.01) A61N 1/32 (2006.01) A61N 1/36 (2006.01) A61N 1/372 (2006.01) H04R 1/10 (2006.01)
[25] EN
[54] TRANSCUTANEOUS ELECTROSTIMULATOR AND METHODS FOR ELECTRIC STIMULATION
[54] STIMULATEUR ELECTRIQUE TRANS-CUTANE ET PROCEDES DE STIMULATION ELECTRIQUE
[72] CARTLEDGE, RICHARD, US
[72] CARTLEDGE, DANIEL, US
[72] BRANNON, AMI, US
[72] KERMIT, FALK, US
[72] MAYBACK, GREGORY L., US
[71] NERVANA, LLC, US
[85] 2017-06-28
[86] 2016-12-19 (PCT/US2016/067525)
[87] (WO2017/120023)
[30] US (62/274,595) 2016-01-04
[30] US (15/371,862) 2016-12-07

[21] 3,010,059
[13] A1
[51] Int.Cl. B01J 19/00 (2006.01) B01J 19/18 (2006.01) C08F 8/20 (2006.01) C08F 8/46 (2006.01) C08F 10/02 (2006.01) C08F 10/06 (2006.01)
[25] EN
[54] SYSTEM AND PROCESS FOR THE PRODUCTION OF FUNCTIONALIZED OLEFINIC-BASED POLYMER
[54] SYSTEME ET PROCEDE DE PRODUCTION DE POLYMERE OLEFINIQUE FONCTIONNALISE
[72] WANG, YU FENG, US
[72] HEMBREE, RICHARD D., US
[72] McDONALD, MICHAEL F., JR., US
[72] MAIER, JOSEPH A., US
[72] YEH, RICHARD CHENG-MING, US
[72] GU, LEMING, US
[72] SHAFFER, TIMOTHY D., US
[72] WRIGHT, PAMELA J., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2018-06-28
[86] 2016-12-09 (PCT/US2016/065802)
[87] (WO2017/131869)
[30] US (62/289,001) 2016-01-29

[21] 3,010,060
[13] A1
[51] Int.Cl. A63B 23/025 (2006.01)
[25] EN
[54] A THERAPY AND PHYSICAL TRAINING DEVICE
[54] DISPOSITIF DE THERAPIE ET D'ENTRAINEMENT PHYSIQUE
[72] ORR, ERAN, IL
[71] VR PHYSIO LTD, IL
[85] 2018-06-28
[86] 2016-12-28 (PCT/IL2016/051391)
[87] (WO2017/115366)
[30] US (62/272,267) 2015-12-29
[30] IL (244468) 2016-03-07

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[21] **3,010,062**
[13] A1

[51] **Int.Cl. A23G 3/20 (2006.01)**
[25] EN
[54] **LOW CARBOHYDRATE SUGAR FONDANT**
[54] **FONDANT A BASE DE SUCRE CONTENANT PEU DE GLUCIDES**
[72] SELIGMAN, JUDITH, IL
[71] D.Y. SELIGMAN CONSULTING LTD., IL
[85] 2018-06-28
[86] 2017-01-16 (PCT/IL2017/050048)
[87] (WO2017/122212)
[30] US (62/279,715) 2016-01-16

[21] **3,010,065**
[13] A1

[51] **Int.Cl. G08G 1/095 (2006.01)**
[25] EN
[54] **TRAFFIC LIGHT DEVICE**
[54] **LAMPE TEMOIN**
[72] ITO, TOSHIKAKI, JP
[72] OKUNO, GAKU, JP
[72] OGOSHI, MANABU, JP
[72] SAWADA, TAKAKAZU, JP
[72] HORIE, NAOKI, JP
[72] SAKAWA, HIROYASU, JP
[72] DAMMURA, YOSHIKAZU, JP
[72] TAKEMURA, NORIMI, JP
[72] WADA, AKITSUGU, JP
[71] FIGLA, CO., LTD., JP
[85] 2018-06-28
[86] 2015-12-28 (PCT/JP2015/086475)
[87] (WO2017/115403)

[21] **3,010,069**
[13] A1

[51] **Int.Cl. G06T 19/00 (2011.01) G06F 3/01 (2006.01)**
[25] EN
[54] **IMAGE DISPLAY SYSTEM, METHOD FOR CONTROLLING IMAGE DISPLAY SYSTEM, IMAGE DISTRIBUTION SYSTEM AND HEAD-MOUNTED DISPLAY**
[54] **SYSTEME D'AFFICHAGE D'IMAGES, PROCEDE DE COMMANDE D'UN SYSTEME D'AFFICHAGE D'IMAGES, SYSTEME DE DISTRIBUTION D'IMAGES ET VISIOCASQUE**
[72] FUKUDA, HIROSHI, JP
[72] ARAKI, HITOSHI, JP
[72] MOTOKI, TAKUMA, JP
[72] OTA, NAOKI, JP
[72] TAKEUCHI, TSUYOSHI, JP
[71] MILEAP INC., JP
[85] 2018-06-28
[86] 2016-02-16 (PCT/JP2016/054459)
[87] (WO2017/122367)
[30] JP (2016-006653) 2016-01-15

[21] **3,010,070**
[13] A1

[51] **Int.Cl. G01D 21/00 (2006.01) G01M 3/00 (2006.01)**
[25] EN
[54] **GAS LEAK DETECTION AND LOCATION DETERMINATION**
[54] **DETECTION DE FUITE DE GAZ ET DETERMINATION D'EMPLACEMENT**
[72] CORNWALL, MARK K., US
[71] ITRON, INC., US
[85] 2018-06-28
[86] 2016-12-19 (PCT/US2016/067544)
[87] (WO2017/116802)
[30] US (14/984,088) 2015-12-30

[21] **3,010,071**
[13] A1

[51] **Int.Cl. G01B 11/22 (2006.01) G06Q 10/08 (2012.01) G01B 11/28 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR UNLOADING A CARGO CONTAINER**
[54] **PROCEDE ET APPAREIL POUR DECHARGER UN CONTENEUR DE MARCHANDISES**
[72] JONES, NICHOLAUS A., US
[72] TAYLOR, ROBERT J., US
[72] JONES, MATTHEW A., US
[71] WALMART APOLLO, LLC, US
[85] 2018-06-28
[86] 2016-12-21 (PCT/US2016/067939)
[87] (WO2017/120046)
[30] US (62/275,130) 2016-01-05

[21] **3,010,074**
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS FOR CHARACTERIZING COMPOSITIONS COMPRISING PEANUT ANTIGENS**
[54] **PROCEDE DESTINE A CARACTERISER DES COMPOSITIONS COMPRENANT DES ANTIGENES D'ARACHIDE**
[72] ALVING, KIM, US
[72] WANG, BING HUANG, US
[72] DEMONTIGNY, PIERRE, US
[71] SANOFI, FR
[85] 2018-06-28
[86] 2016-12-28 (PCT/IB2016/001944)
[87] (WO2017/115139)
[30] US (62/272,094) 2015-12-29
[30] EP (16306642.6) 2016-12-08

[21] **3,010,075**
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **PHYSICALLY FORWARDING ITEMS**
[54] **TRANSFERT PHYSIQUE D'ARTICLES**
[72] HILL, DONALD R., US
[72] KAY, KARI, US
[72] ATCHLEY, MICHAEL D., US
[71] WALMART APOLLO, LLC, US
[85] 2018-06-28
[86] 2016-12-21 (PCT/US2016/067945)
[87] (WO2017/120047)
[30] US (62/275,147) 2016-01-05

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[21] 3,010,077
[13] A1
[51] Int.Cl. A61K 31/722 (2006.01) A61P 17/00 (2006.01) A61P 29/00 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS TO AFFECT SKIN IRRITATION
[54] COMPOSITIONS ET PROCEDES AYANT UN EFFET SUR L'IRRITATION CUTANEE
[72] DOWNEY, THERESE M., US
[72] UTECHT, RONALD E., US
[72] FOSTER, JACK V., JR., US
[72] SEIBERG, MIRI, US
[72] SHAPIRO, STANLEY S., US
[71] ALUMEND, LLC, US
[85] 2018-06-28
[86] 2016-12-21 (PCT/US2016/068060)
[87] (WO2017/116908)
[30] US (62/271,591) 2015-12-28

[21] 3,010,082
[13] A1
[51] Int.Cl. B32B 27/12 (2006.01) C08J 5/04 (2006.01) C08J 5/24 (2006.01) C08J 7/12 (2006.01) C08L 71/00 (2006.01)
[25] EN
[54] SURFACE-TREATED POLYMERIC PARTICLES, SLURRY CONTAINING THE SAME, AND USE THEREOF
[54] PARTICULES POLYMERES TRAITÉES EN SURFACE, SUSPENSION ÉPAISSE LES CONTENANT ET UTILISATION DE CELLES-CI
[72] GRIFFIN, JAMES MARTIN, US
[72] HO, KINGSLEY KIN CHIEE, GB
[72] PRATIE, JAMES FRANCIS, US
[71] CYTEC INDUSTRIES INC., US
[85] 2018-06-28
[86] 2016-12-27 (PCT/US2016/068639)
[87] (WO2017/117087)
[30] US (62/272,940) 2015-12-30

[21] 3,010,084
[13] A1
[51] Int.Cl. C12N 15/113 (2010.01)
[25] EN
[54] ANTISENSE ANTIBACTERIAL COMPOUNDS AND METHODS
[54] COMPOSES ANTIBACTERIENS ANTISENS ET PROCEDES ASSOCIES
[72] GREENBERG, DAVID, US
[72] GELLER, BRUCE L., US
[72] TOPRAK, ERDAL, US
[71] OREGON STATE UNIVERSITY, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-06-20
[86] 2016-12-22 (PCT/US2016/068373)
[87] (WO2017/112885)
[30] US (62/387,176) 2015-12-23
[30] US (62/301,406) 2016-02-29
[30] US (62/408,518) 2016-10-14
[30] US (62/433,669) 2016-12-13

[21] 3,010,085
[13] A1
[51] Int.Cl. C21D 7/02 (2006.01) C21D 7/13 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/08 (2006.01) C22C 38/16 (2006.01) C22C 38/18 (2006.01)
[25] EN
[54] DELAYED CRACKING PREVENTION DURING DRAWING OF HIGH STRENGTH STEEL
[54] PREVENTION D'UNE FISSURATION DIFFEREE PENDANT L'ETIRAGE D'UN ACIER HAUTE RESISTANCE
[72] BRANAGAN, DANIEL JAMES, US
[72] FRERICHS, ANDREW E., US
[72] MEACHAM, BRIAN E., US
[72] JUSTICE, GRANT G., US
[72] BALL, ANDREW T., US
[72] WALLESEY, JASON K., US
[72] CLARK, KURTIS, US
[72] TEW, LOGAN J., US
[72] ANDERSON, SCOTT T., US
[72] LARISH, SCOTT, US
[72] CHENG, SHENG, US
[72] GIDDENS, TAYLOR L., US
[72] SERGUEIEVA, ALLA V., US
[71] THE NANOSTEEL COMPANY, INC., US
[85] 2018-06-28
[86] 2016-12-27 (PCT/US2016/068711)
[87] (WO2017/117128)
[30] US (62/271,512) 2015-12-28

[21] 3,010,087
[13] A1
[51] Int.Cl. H04W 4/12 (2009.01) H04W 4/14 (2009.01) H04W 12/06 (2009.01) G06F 15/16 (2006.01) H04M 1/725 (2006.01)
[25] EN
[54] A SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR SECURELY DELIVERING CONTENT BETWEEN STORAGE MEDIUMS
[54] SYSTEME, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR POUR DISTRIBUER DE MANIERE SECURISEE UN CONTENU ENTRE DES SUPPORTS DE STOCKAGE
[72] KOTIAN, ROHIT, US
[72] OZONIAN, RYAN, US
[72] SHIPTALNIK, IGOR, US
[71] RADICAL APP LLP, US
[85] 2018-06-28
[86] 2016-12-27 (PCT/US2016/068752)
[87] (WO2017/117148)
[30] US (62/272,185) 2015-12-29

[21] 3,010,090
[13] A1
[51] Int.Cl. C12N 1/20 (2006.01) C12P 23/00 (2006.01)
[25] EN
[54] METHOD FOR PRODUCING FERMENTED CAROTENOID USING CAROTENOID-PRODUCING BACTERIA OBTAINED BY USING COBALT-CONTAINING CULTURING MEDIUM
[54] PROCEDE DE PRODUCTION DE CAROTENOIDES FERMENTES EN UTILISANT DES BACTERIES PRODUISANT DES CAROTENOIDES OBTENUES EN UTILISANT UN MILIEU DE CULTURE CONTENANT DU COBALT
[72] YATA, TETSUHIISA, JP
[72] YONEDA, HISASHI, JP
[72] AZUMA, MITSUTOSHI, JP
[72] HIRASAWA, KAZUAKI, JP
[71] JXTG NIPPON OIL & ENERGY CORPORATION, JP
[85] 2018-06-28
[86] 2016-12-27 (PCT/JP2016/088821)
[87] (WO2017/115774)
[30] JP (2015-255920) 2015-12-28

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[21] **3,010,094**
[13] A1

[51] **Int.Cl. B65D 77/20 (2006.01) B65D 5/24 (2006.01) B65D 5/30 (2006.01) B65D 5/64 (2006.01)**

[25] EN

[54] **PAPER LID AND STORAGE CONTAINER**

[54] **COUVERCLE EN PAPIER ET RECIPIENT DE STOCKAGE**

[72] FURUSE, KIYOTO, JP

[72] TOYAMA, KIENJI, JP

[72] OMURA, JUNPEI, JP

[72] YAMAGUCHI, MAKOTO, JP

[72] KOBAYASHI, NAOKO, JP

[72] SHIBATA, YUKA, JP

[71] LOTTE CO., LTD., JP

[85] 2018-06-28

[86] 2016-12-27 (PCT/JP2016/088882)

[87] (WO2017/119360)

[30] JP (2016-002919) 2016-01-08

[21] **3,010,098**
[13] A1

[51] **Int.Cl. B01D 3/16 (2006.01) B01D 1/30 (2006.01) C01D 3/16 (2006.01) C02F 1/52 (2006.01)**

[25] EN

[54] **FORMATION OF SOLID SALTS USING HIGH GAS FLOW VELOCITIES IN HUMIDIFIERS, SUCH AS MULTI-STAGE BUBBLE COLUMN HUMIDIFIERS**

[54] **FORMATION DE SELS SOLIDES AU MOYEN DE VITESSES DE FLUX DE GAZ ELEVEES DANS DES HUMIDIFICATEURS, TELS DES HUMIDIFICATEURS A COLONNE A BULLES A ETAGES MULTIPLES**

[72] LAM, STEVEN, US

[72] ST. JOHN, MAXIMUS G., US

[72] GOVINDAN, PRAKASH NARAYAN, US

[72] WILSON, CONOR THOMAS, US

[71] GRADIENT CORPORATION, US

[85] 2018-06-27

[86] 2017-01-20 (PCT/US2017/014228)

[87] (WO2017/127607)

[30] US (62/281,828) 2016-01-22

[21] **3,010,101**
[13] A1

[51] **Int.Cl. A61K 31/4439 (2006.01) A61K 31/138 (2006.01) A61K 31/337 (2006.01) A61K 31/4166 (2006.01) A61K 31/4196 (2006.01) A61K 31/506 (2006.01) A61K 31/573 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)**

[25] EN

[54] **INHIBITION OF P38 MAPK FOR THE TREATMENT OF CANCER**

[54] **INHIBITION DE MAPK P38 POUR LE TRAITEMENT DU CANCER**

[72] MANI, SENDURAI A., US

[72] WERDEN, STEVEN J., US

[72] PARANJAPPE, ANURAG N., US

[72] SOUNDARARAJAN, RAMA, US

[72] SPHYRIS, NATALIA, US

[72] SUN, XIAOPING, US

[72] MALLAMPATI, SARADHI, US

[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US

[85] 2018-06-28

[86] 2016-12-28 (PCT/US2016/068813)

[87] (WO2017/117182)

[30] US (62/272,394) 2015-12-29

[30] US (62/272,508) 2015-12-29

[21] **3,010,102**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**

[25] EN

[54] **POINT DONATION SYSTEM**

[54] **SYSTEME DE DON DE POINTS**

[72] MATSUMOTO, NAOZUMI, JP

[71] MATSUMOTO, NAOZUMI, JP

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[54] **DIE CASTING DIE WITH REMOVABLE INSERTS**

[54] **FILIERE DE COULEE SOUS PRESSION A INSERTS AMOVIBLES**

[72] ADAMS, KENNETH RAY, US

[72] BERTOLINI, PETER JOSEPH, US

[72] LITTKEMANN, PETER MICHAEL, CA

[71] MAGNA INTERNATIONAL INC., CA

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[87] (WO2017/142731)

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[54] **IMIDAZOLIUM SULFUR-CONTAINING BINUCLEAR MOLYBDATE SALTS AS LUBRICANT ADDITIVES**

[54] **SELS DE MOLYBDATE BINUCLEAIRE CONTENANT DU SOUFRE ET DE L'IMIDAZOLIUM COMME ADDITIFS LUBRIFIANTS**

[72] CASEY, BRIAN M., US

[72] GATTO, VINCENT J., US

[71] VANDERBILT CHEMICALS, L.L.C., US

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[54] **CAMERA FILTER ADAPTOR KIT**

[54] **KIT POUR ADAPTEUR DE FILTRE D'APPAREIL PHOTO**

[72] LEMAY, DONAT, CA

[71] LEMAY, DONAT, CA

[85] 2018-06-21

[86] 2016-12-21 (PCT/CA2016/051516)

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- [25] EN
- [54] **METHOD FOR MANAGING IN AN ADAPTIVE AND JOINT WAY THE ROUTING POLICY AND THE RETRANSMISSION POLICY OF A NODE IN AN UNDERWATER NETWORK, AND MEANS FOR ITS IMPLEMENTATION**
- [54] **PROCEDE PERMETTANT DE GERER DE MANIERE ADAPTATIVE ET CONJOINTE LA POLITIQUE DE ROUTAGE ET LA POLITIQUE DE REEMISSIION D'UN NOEUD DANS UN RESEAU SOUS-MARIN ET MOYENS PERMETTANT SA MISE EN ŒUVRE**
- [72] PETRIOLI, CHIARA, IT
- [72] LO PRESTI, FRANCESCO, IT
- [72] DI VALERIO, VALERIO, IT
- [72] SPACCINI, DANIELE, IT
- [72] PICARI, LUIGI, IT
- [71] UNIVERSITA' DEGLI STUDI DI ROMA "LA SAPIENZA", IT
- [85] 2018-06-26
- [86] 2016-10-14 (PCT/IB2016/056165)
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- [25] EN
- [54] **CAR DOOR UPHOLSTERY PROTECTIVE SHIELD AND METHOD OF USE OF THE SAME**
- [54] **ENVELOPPE PROTECTRICE DE GARNITURE DE PORTIERE DE VOITURE ET PROCEDE D'UTILISATION ASSOCIE**
- [72] MAY, HENRY W., CA
- [71] MAY, HENRY W., CA
- [85] 2018-06-28
- [86] 2016-01-12 (PCT/CA2016/050025)
- [87] (WO2017/120656)

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- [51] Int.Cl. F01K 27/00 (2006.01) F02G 1/04 (2006.01) F03G 4/00 (2006.01) F03G 6/00 (2006.01) H02K 7/18 (2006.01)
- [25] EN
- [54] **PROCESS AND SYSTEM FOR EXTRACTING USEFUL WORK OR ELECTRICITY FROM THERMAL SOURCES**
- [54] **PROCESSUS ET SYSTEME D'EXTRACTION D'ELECTRICITE OU DE TRAVAIL UTILE A PARTIR DE SOURCES THERMIQUES**
- [72] FORD, DARRELL, CA
- [71] BOUNDARY TURBINES INC, CA
- [85] 2018-06-28
- [86] 2016-12-28 (PCT/CA2016/051545)
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- [25] EN
- [54] **FLEXIBLE CONDUCTIVE APPARATUS AND SYSTEMS FOR DETECTING PRESSURE**
- [54] **APPAREIL CONDUCTEUR FLEXIBLE ET SYSTEMES DE DETECTION DE PRESSION**
- [72] SHIM, EDWARD SUP, CA
- [72] LIN, YING-HSIN, CA
- [71] STUDIO 1 HOLDINGS INC., CA
- [85] 2018-06-28
- [86] 2017-10-24 (PCT/CA2017/051267)
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- [51] Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01)
- [25] EN
- [54] **AEROSOL DELIVERY DEVICE INCLUDING A HOUSING AND A COUPLER**
- [54] **DISPOSITIF D'ADMINISTRATION D'AEROSOL CONTENANT UN BOITIER ET UN COUPLEUR**
- [72] PHILLIPS, PERCY D., US
- [72] DAVIS, MICHAEL F., US
- [72] WATSON, NICHOLAS H., US
- [72] MINSKOFF, NOAH M., US
- [71] RAI STRATEGIC HOLDINGS, INC., US
- [85] 2018-06-27
- [86] 2016-12-27 (PCT/IB2016/058021)
- [87] (WO2017/115277)
- [30] US (14/981,051) 2015-12-28

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- [25] EN
- [54] **DETERMINING A COMMON SECRET FOR THE SECURE EXCHANGE OF INFORMATION AND HIERARCHICAL, DETERMINISTIC CRYPTOGRAPHIC KEYS**
- [54] **DETERMINATION D'UN SECRET COMMUN POUR L'ECHANGE SECURISE D'INFORMATIONS ET DE CLES CRYPTOGRAPHIQUES DETERMINISTES ET HIERARCHIQUES**
- [72] WRIGHT, CRAIG STEVEN, GB
- [72] SAVANAH, STEPHANE, GB
- [71] NCHAIN HOLDINGS LIMITED, AG
- [85] 2018-06-28
- [86] 2017-02-16 (PCT/IB2017/050856)
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[54] **METHOD AND SERVER FOR AUTHENTICATING AND VERIFYING FILE**

[54] **PROCEDE ET SERVEUR D'AUTHENTIFICATION ET DE VERIFICATION DE FICHIER**

[72] UHR, JOON SUN, KR

[72] HONG, JAY WU, KR

[72] SONG, JOO HAN, KR

[71] COINPLUG, INC., KR

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[30] KR (10-2015-0188981) 2015-12-29

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[54] **QUATERNARY AMMONIUM SULFUR-CONTAINING BINUCLEAR MOLYBDATE SALTS AS LUBRICANT ADDITIVES**

[54] **UTILISATION DE SELS DE MOLYBDATE BINUCLEAIRE CONTENANT DU SULFURE D'AMMONIUM QUATERNAIRE COMME ADDITIFS DE LUBRIFIANT**

[72] CASEY, BRIAN M., US

[72] GATTO, VINCENT J., US

[71] VANDERBILT CHEMICALS, LLC, US

[85] 2018-06-27

[86] 2017-02-14 (PCT/US2017/017800)

[87] (WO2017/146939)

[30] US (62/298,743) 2016-02-23

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[51] **Int.Cl. A01N 59/02 (2006.01) A61K 9/00 (2006.01)**

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[54] **ACID TABLET COMPOSITION AND METHODS OF PREPARING AND USING THE SAME**

[54] **COMPOSITION DE COMPRIME D'ACIDE ET SES PROCEDES DE PREPARATION ET D'UTILISATION**

[72] KAREIS, CHRISTOPHER M., US

[71] EAGLE US 2 LLC, US

[85] 2018-06-27

[86] 2017-03-28 (PCT/US2017/024484)

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[54] **TAMPON APPLICATOR WITH IMPROVED INSERTION TIP**

[54] **APPLICATEUR DE TAMPON A EXTREMITE D'INSERTION AMELIOREE**

[72] BUELL, SEZEN, US

[72] HILLEGASS, KYLE, US

[71] EDGEWELL PERSONAL CARE BRANDS, LLC, US

[85] 2018-06-27

[86] 2017-07-24 (PCT/US2017/043534)

[87] (WO2018/018046)

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[51] **Int.Cl. D21B 1/32 (2006.01) D21B 1/34 (2006.01) D21D 5/04 (2006.01)**

[25] EN

[54] **ROTOR UNIT FOR PROCESSING RECYCLED MATERIAL**

[54] **UNITE DE ROTOR SERVANT A DES FINS DE TRAITEMENT DE MATERIAU RECYCLE**

[72] HAUTALA, JOUKO, FI

[71] RED WIRE OY, FI

[85] 2018-06-27

[86] 2016-12-29 (PCT/FI2016/050936)

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[21] **3,010,134**
[13] A1

[51] **Int.Cl. F42B 30/04 (2006.01)**

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[54] **LESS-LETHAL FORCE DEVICE**

[54] **DISPOSITIF DE FORCE NON MEURTRIERE**

[72] ELLIS, CHRISTIAN, US

[71] ELLIS, CHRISTIAN, US

[85] 2018-06-28

[86] 2015-12-30 (PCT/US2015/068043)

[87] (WO2017/116434)

[21] **3,010,137**
[13] A1

[51] **Int.Cl. G06F 1/16 (2006.01) G06F 3/041 (2006.01) G06F 9/445 (2018.01)**

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[54] **MODULAR ELECTROMECHANICAL DEVICE**

[54] **DISPOSITIF ELECTROMECHANIQUE MODULAIRE**

[72] ELMIEH, BABACK, US

[72] JAIS, ALEXANDRE, US

[72] CROSSEN, REX WENTERS, US

[72] ROBBERTS, ANDREW ALEXANDER, US

[71] FACEBOOK, INC., US

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[21] **3,010,138**
[13] A1

[51] **Int.Cl. G01V 1/00 (2006.01) E21B 47/00 (2012.01) G01V 1/04 (2006.01) G01V 1/16 (2006.01) G01V 1/30 (2006.01)**

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[54] **DATA-DRIVEN CLOCK DRIFT ADJUSTMENT**

[54] **AJUSTEMENT DE DERIVE D'HORLOGE CONTROLE PAR DONNEES**

[72] IRANPOUR, KAMBIZ, NO

[71] SCHLUMBERGER CANADA LIMITED, CA

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[51] Int.Cl. A01N 43/16 (2006.01) A01N 43/24 (2006.01) A01N 43/56 (2006.01) C07D 231/18 (2006.01) C07D 233/02 (2006.01) C07D 233/04 (2006.01)
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[54] **SYNERGISTIC FUNGICIDAL MIXTURES FOR FUNGAL CONTROL OF RICE BLAST**
[54] **MELANGES FONGICIDES SYNERGIQUES POUR LA LUTTE FONGICIDE CONTRE LA PIRICULARIOSE DU RIZ**
[72] MATTHESON, JOHN T., US
[72] MANN, RICHARD K., US
[72] KEMMITT, GREG, US
[72] CORREA DA SILVA, OLAVO, US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-05-29
[86] 2016-12-22 (PCT/US2016/068183)
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[51] Int.Cl. A23L 2/52 (2006.01) A23L 33/10 (2016.01) A23L 33/105 (2016.01) A23L 33/13 (2016.01) A23L 33/16 (2016.01) A23L 2/38 (2006.01) A61K 31/7076 (2006.01) A61K 33/42 (2006.01) A61K 36/00 (2006.01) A61P 3/02 (2006.01) C12N 5/04 (2006.01) C12P 19/32 (2006.01)
[25] EN
[54] **COMPOSITION FOR ENERGY SUPPLEMENTATION**
[54] **COMPOSITION POUR COMPLEMENTS ENERGETIQUES**
[72] PURCELL, MARC, CA
[72] MILLER, NATHALIE, CA
[71] PURCELL, MARC, CA
[71] MILLER, NATHALIE, CA
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[87] (WO2017/113010)
[30] US (62/272,104) 2015-12-29

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[51] Int.Cl. H04W 12/06 (2009.01) G02B 7/00 (2006.01) G02B 27/01 (2006.01)
[25] EN
[54] **AUTHENTICATING OR REGISTERING USERS OF WEARABLE DEVICES USING BIOMETRICS**
[54] **AUTHENTIFICATION OU ENREGISTREMENT D'UTILISATEURS DE DISPOSITIFS VESTIMENTAIRES AU MOYEN DE DONNEES BIOMETRIQUES**
[72] WANG, SHAN, CA
[71] MEFON VENTURES INC., CA
[85] 2018-06-28
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[87] (WO2017/136940)
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[21] **3,010,142**
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[51] Int.Cl. A01H 5/12 (2018.01) A24B 15/10 (2006.01) C07K 14/415 (2006.01) C12N 15/82 (2006.01)
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[54] **REDUCING CADMIUM ACCUMULATION IN FIELD GROWN TOBACCO PLANTS**
[54] **REDUCTION D'ACCUMULATION DE CADMIUM DANS DES PLANTES DE TABAC CULTIVEES DANS UN CHAMP**
[72] BOVET, LUCIEN, CH
[72] LIEDSCHULTE, VERENA, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-06-28
[86] 2017-01-27 (PCT/EP2017/051761)
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[13] A1
[51] Int.Cl. C08G 18/76 (2006.01) C08G 18/42 (2006.01) C08K 7/28 (2006.01)
[25] EN
[54] **REACTIVE POLYURETHANE HOT-MELT ADHESIVES CONTAINING FILLERS**
[54] **ADHESIFS THERMOFUSIBLES POLYURETHANE REACTIFS RENFERMANT DES CHARGES**
[72] FRANKEN, UWE, DE
[72] JONSCHER, KARIN, DE
[71] HENKEL AG & CO. KGAA, DE
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[86] 2016-12-05 (PCT/EP2016/079723)
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[51] Int.Cl. A42B 3/16 (2006.01) A42B 3/30 (2006.01) A61F 11/14 (2006.01)
[25] EN
[54] **EAR PROTECTION DEVICE, COMMUNICATIONS SYSTEM AND PROTECTIVE HELMET**
[54] **PROTECTEUR D'OREILLES, SYSTEME DE COMMUNICATION ET CASQUE DE PROTECTION**
[72] PFANNER, ANTON, AT
[71] PFANNER SCHUTZBEKLEIDUNG GMBH, AT
[85] 2018-06-28
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[51] Int.Cl. A61K 38/48 (2006.01) A61K 47/36 (2006.01) A61Q 19/08 (2006.01)
[25] EN
[54] **COMPOSITION COMPRISING BOTULINUM TOXIN**
[54] **COMPOSITION COMPRENANT DE LA TOXINE BOTULIQUE**
[72] FINK, KLAUS, DE
[72] TAYLOR, HAROLD, DE
[72] RUSS, HERMANN, CH
[72] BODERKE, PETER, DE
[71] MERZ PHARMA GMBH & CO. KGAA, DE
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[54] **SEALING ARRANGEMENT FOR A LENGTH COMPENSATION OF AN ARTICULATED SHAFT AND ARTICULATED SHAFT**
[54] **ENSEMBLE D'ETANCHEITE POUR UNE COMPENSATION DE LONGUEUR D'UN ARBRE ARTICULE ET ARBRE ARTICULE**
[72] KRISCHAK, MIRANA, DE
[71] SPICER GELENKWELLENBAU GMBH, DE
[85] 2018-06-28
[86] 2016-12-21 (PCT/EP2016/082153)
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[13] A1

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[54] **PROCESS FOR PREPARING PROPYLENE COPOLYMER COMPOSITIONS**
[54] **PROCEDE DE PREPARATION DE COMPOSITIONS DE COPOLYMERES DE PROPYLENE**
[72] REICHELT, KRISTIN, AT
[72] ALASTALO, KAUNO, FI
[72] NYFORS, KLAUS, FI
[72] RESCONI, LUIGI, AT
[71] BOREALIS AG, AT
[85] 2018-06-28
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[13] A1

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[54] **MOVABLE CRASH BARRIER SECTION**
[54] **SEGMENT DE BARRIERE DE SECURITE DEPLACABLE**
[72] WENGER, HERMANN, CH
[71] WENGER, PROJEKTE UND COACHING, CH
[85] 2018-06-28
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[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) G06K 7/10 (2006.01) G06K 17/00 (2006.01)**
[25] EN
[54] **RADIO FREQUENCY BASED CONTROL SYSTEM FOR PREVENTING OCCUPATIONAL HAZARDS**
[54] **SYSTEME DE COMMANDE PAR RADIOFREQUENCE POUR PREVENIR DES RISQUES OCCUPATIONNELS**
[72] ALVAREZ GONZALEZ, MARIO, ES
[71] TISULAR SAFETY, S.L.U., ES
[85] 2018-06-28
[86] 2017-01-05 (PCT/EP2017/050197)
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[51] **Int.Cl. A01N 25/28 (2006.01) A01N 37/40 (2006.01) A01N 43/50 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **BIODEGRADABLE POLYESTER CAPSULES COMPRISING AN AQUEOUS CORE AND A PESTICIDE**
[54] **CAPSULES DE POLYESTER BIODEGRADABLES COMPRENANT UN NOYAU AQUEUX ET UN PESTICIDE**
[72] BURAKOWSKA-MEISE, EVELINA, DE
[72] KLIMOV, EVGUENI, DE
[72] MECFEL-MARCZEWSKI, JOANNA, DE
[72] BRATZ, MATTHIAS, DE
[71] BASF SE, DE
[85] 2018-06-28
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[87] (WO2017/125395)
[30] EP (16152354.3) 2016-01-22

[21] **3,010,157**
[13] A1

[51] **Int.Cl. G06F 17/27 (2006.01) G06F 17/28 (2006.01)**
[25] EN
[54] **NAMED ENTITY RECOGNITION ON CHAT DATA**
[54] **RECONNAISSANCE D'ENTITE NOMMEE SUR DES DONNEES DE CONVERSATION**
[72] BOJJA, NIKHIL, US
[72] KANNAN, SHIVASANKARI, US
[72] WANG, PIDONG, US
[71] MZ IP HOLDINGS, LLC, US
[85] 2018-06-27
[86] 2017-01-04 (PCT/US2017/012102)
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[13] A1

[51] **Int.Cl. A42B 3/12 (2006.01) A42B 3/00 (2006.01) A42B 3/04 (2006.01) A42B 3/06 (2006.01) A42B 3/10 (2006.01) A63B 71/10 (2006.01)**
[25] EN
[54] **IMPACT ABSORBING STRUCTURES FOR ATHLETIC HELMET**
[54] **STRUCTURES ABSORBANT LES CHOCs DESTINEES A UN CASQUE DE SPORT**
[72] GLOVER, TRAVIS EDWARD, US
[72] STONE, ANDRE HUNTER PAGGAG, US
[72] FISCHER, KURT V., US
[72] FUKUDA, KAYLA YUKIKO, US
[72] ALFERNES, ANTON PERRY, US
[72] LEONARD, PAUL C., US
[72] CZERSKI, MIKE, US
[72] ROGERS, SUSAN LUCILLE, US
[71] VICIS, INC., US
[85] 2018-06-27
[86] 2017-01-05 (PCT/US2017/012373)
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[21] 3,010,160
[13] A1

[51] Int.Cl. A61L 9/12 (2006.01) B32B 3/30 (2006.01) B32B 7/06 (2006.01) B65D 75/58 (2006.01)

[25] EN

[54] DIFFUSER OF ACTIVE AGENTS SUCH AS INSECTICIDES, PERFUMES, DETERGENTS OR DISINFECTANTS, AND MANUFACTURING PROCESS THEREOF

[54] DIFFUSEUR D'AGENTS ACTIFS TELS QUE DES INSECTICIDES, DES PARFUMS, DES DETERGENTS OU DES DESINFECTANTS, ET SON PROCEDE DE FABRICATION

[72] MARCHETTI, FABIO, IT

[72] DEFLORIAN, STEFANO, IT

[72] ZOBELLE, FRANCO, IT

[71] ZOBELLE HOLDING S.P.A., IT

[85] 2018-06-28

[86] 2016-12-28 (PCT/IB2016/058034)

[87] (WO2017/115288)

[30] IT (102015000089512) 2015-12-31

[21] 3,010,161
[13] A1

[51] Int.Cl. C08B 37/00 (2006.01) C08B 37/08 (2006.01) C08J 3/075 (2006.01) C08L 5/00 (2006.01)

[25] EN

[54] CARBOHYDRATE CROSSLINKER

[54] RETICULATEUR DE GLUCIDES

[72] OLSSON, JOHAN, SE

[72] HARRIS, CRAIG STEVEN, FR

[72] MOJARRADI, HOTAN, CH

[72] BOITEAU, JEAN-GUY, FR

[72] GERFAUD, THIIBAUT, FR

[71] TOMAS, LOIC, FR

[71] GALDERMA S.A., CH

[85] 2018-06-28

[86] 2016-12-28 (PCT/EP2016/082783)

[87] (WO2017/114867)

[30] EP (15202944.3) 2015-12-29

[30] EP (16172254.1) 2016-05-31

[30] EP (16172225.1) 2016-05-31

[30] EP (16172241.8) 2016-05-31

[21] 3,010,162
[13] A1

[51] Int.Cl. C04B 28/14 (2006.01)

[25] EN

[54] FIRE RESISTANT BUILDING BOARDS WITH INCREASED AMOUNTS OF ANTI-SHRINKAGE ADDITIVES AND DECREASED DENSITIES

[54] PANNEAUX DE CONSTRUCTION RESISTANTS AU FEU POURVUS DE QUANTITES ACCRUES D'ADDITIFS ANTIRETRAIT ET DE DENSITES REDUITES

[72] BROOKS, LAURA, GB

[72] SHINKODA, PAMELA, CA

[72] BOUTELLIER, BERNARD, FR

[72] SELLIER, JULIEN, FR

[71] SAINT-GOBAIN PLACO SAS, FR

[85] 2018-06-28

[86] 2016-12-29 (PCT/IB2016/058077)

[87] (WO2017/115317)

[30] US (14/986,237) 2015-12-31

[21] 3,010,164
[13] A1

[51] Int.Cl. A61B 5/00 (2006.01) A61B 5/145 (2006.01)

[25] EN

[54] DEVICE, SYSTEM AND METHOD FOR NON-INVASIVE MONITORING OF PHYSIOLOGICAL MEASUREMENTS

[54] DISPOSITIF, SYSTEME ET PROCEDE POUR CONTROLE NON INVASIF DE MESURES PHYSIOLOGIQUES

[72] BASHIAN, OHAD, IL

[72] BASHIAN, ODED, IL

[72] KLEIN, AHARON, IL

[72] DEKEL, BEN ZION, IL

[71] WEAR2B LTD, IL

[85] 2018-06-28

[86] 2016-12-28 (PCT/IL2016/051386)

[87] (WO2017/115361)

[30] US (62/273,517) 2015-12-31

[30] US (62/349,681) 2016-06-14

[30] US (62/372,341) 2016-08-09

[21] 3,010,167
[13] A1

[51] Int.Cl. G02B 27/01 (2006.01)

[25] EN

[54] HEAD MOUNTED DISPLAY SYMBOLOGY CONCEPTS AND IMPLEMENTATIONS, ASSOCIATED WITH A REFERENCE VECTOR

[54] CONCEPTS ET MISES EN ŒUVRE DE SYMBOLOGIE DE VISIOCASQUE, ASSOCIES A UN VECTEUR DE REFERENCE

[72] SHAHAL, AVNER, IL

[72] HASHARONI, OMER, IL

[72] ASSAF, YUVAL, IL

[71] ELBIT SYSTEMS LTD., IL

[85] 2018-06-28

[86] 2016-12-28 (PCT/IL2016/051389)

[87] (WO2017/115364)

[30] IL (243400) 2015-12-29

[21] 3,010,172
[13] A1

[51] Int.Cl. B29C 43/36 (2006.01) B29C 33/02 (2006.01) B29C 43/18 (2006.01) B29C 43/54 (2006.01)

[25] EN

[54] FIBER REINFORCED COMPOSITE MEMBER MOLDING APPARATUS AND FIBER REINFORCED COMPOSITE MEMBER MOLDING METHOD

[54] DISPOSITIF DE MOULAGE D'ELEMENT COMPOSITE RENFORCE PAR DES FIBRES ET PROCEDE DE MOULAGE D'ELEMENT COMPOSITE RENFORCE PAR DES FIBRES

[72] MURAKAMI, TSUTOMU, JP

[72] OBUCHI, KENRO, JP

[72] TANAKA, SHINICHI, JP

[71] IHI CORPORATION, JP

[85] 2018-06-28

[86] 2016-09-21 (PCT/JP2016/077847)

[87] (WO2017/126159)

[30] JP (2016-008970) 2016-01-20

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[21] **3,010,176**
[13] A1

[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/496 (2006.01) A61K 31/519 (2006.01) C07D 403/10 (2006.01) C07D 403/12 (2006.01)**

[25] EN

[54] **CRYSTALLINE FORMS OF HYDROCHLORIDE SALTS OF THIENOPYRIMIDINE COMPOUND**

[54] **FORMES CRISTALLINES DE SELS DE CHLORHYDRATE D'UN COMPOSE DE THIENOPYRIMIDINE**

[72] BAEK, JONG OUK, KR
[72] JEON, JI YOUNG, KR
[72] OH, HEE SOOK, KR
[72] KIM, HEE CHHOL, KR
[72] JANG, SUN YOUNG, KR
[72] HA, TAE HEE, KR
[71] HANMI PHARM. CO., LTD., KR
[85] 2018-06-28
[86] 2016-12-30 (PCT/KR2016/015535)
[87] (WO2017/116192)
[30] KR (10-2015-0190853) 2015-12-31
[30] KR (10-2016-0065977) 2016-05-27

[21] **3,010,179**
[13] A1

[51] **Int.Cl. A61G 5/04 (2013.01) A61G 5/10 (2006.01)**

[25] EN

[54] **PNEUMATIC POWERED MOBILITY DEVICES**

[54] **DISPOSITIFS DE MOBILITE PNEUMATIQUES**

[72] COOPER, RORY ALAN, US
[72] WANG, HONGWU, US
[72] DAVIELER, BRANDON JOSEPH, US
[72] GEBROSKY, BENJAMIN TODD, US
[72] GRINDLE, GARRETT G., US
[72] PEARLMAN, JONATHAN L., US
[72] SCHNEIDER, URS, DE
[72] MINZENMAY, DAVID, DE
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[71] THE UNITED STATES GOVERNMENT, AS REPRESENTED BY THE DEPARTMENT OF VETERAN AFFAIRS, US
[71] FRAUNHOFER-GESellschaft ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2018-06-27
[86] 2017-01-04 (PCT/US2017/012123)
[87] (WO2017/120184)
[30] US (62/274,556) 2016-01-04

[21] **3,010,182**
[13] A1

[51] **Int.Cl. C07K 14/605 (2006.01) A61K 38/26 (2006.01)**

[25] EN

[54] **TRIPLE ACTIVATOR ACTIVATING GLUCAGON, GLP-1 AND GIP RECEPTOR**

[54] **TRIPLE ACTIVATEUR ACTIVANT LE RECEPTEUR DU GLUCAGON, DU GLP-1 ET DU GIP**

[72] OH, EUI LIM, KR
[72] LEE, JONG SUK, KR
[72] PARK, YOUNG JIN, KR
[72] LIM, CHIANG KI, KR
[72] JUNG, SUNG YOUNG, KR
[72] KWON, SE CHIANG, KR
[71] HANMI PHARM. CO., LTD., KR
[85] 2018-06-28
[86] 2016-12-30 (PCT/KR2016/015554)
[87] (WO2017/116204)
[30] KR (10-2015-0191082) 2015-12-31
[30] KR (10-2016-0163737) 2016-12-02

[21] **3,010,183**
[13] A1

[51] **Int.Cl. A61K 9/70 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR LONG TERM TRANSDERMAL ADMINISTRATION**

[54] **SYSTEMES ET PROCEDES D'ADMINISTRATION TRANSDERMIQUE A LONG TERME**

[72] LEE, EUN SOO, US
[72] JAIN, AMIT K., US
[72] SINGH, PARMINDER, US
[71] CORIUM INTERNATIONAL, INC., US
[85] 2018-06-27
[86] 2016-12-30 (PCT/US2016/069558)
[87] (WO2017/117554)
[30] US (62/273,288) 2015-12-30
[30] US (62/367,055) 2016-07-26

[21] **3,010,184**
[13] A1

[51] **Int.Cl. C08L 23/00 (2006.01) C08K 3/36 (2006.01) C08K 5/5419 (2006.01) C08K 9/06 (2006.01) C08K 13/06 (2006.01) C08L 23/22 (2006.01)**

[25] EN

[54] **HEAT CURABLE ELASTOMER COMPOSITIONS**

[54] **COMPOSITIONS ELASTOMERES THERMODURCISABLES**

[72] DECATO, ALFRED A., US
[72] JIN, SHIHUA, US
[71] HENKEL IP & HOLDING GMBH, DE
[85] 2018-06-28
[86] 2017-01-13 (PCT/US2017/013407)
[87] (WO2017/123925)
[30] US (62/279,280) 2016-01-15

[21] **3,010,186**
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/861 (2013.01) H04L 12/863 (2013.01)**

[25] EN

[54] **NETWORKING TECHNOLOGIES**

[54] **TECHNOLOGIES DE RESEAUTAGE**

[72] SHALEV, LEAH, US
[72] BARRETT, BRIAN WILLIAM, US
[72] BSHARA, NAFAA, US
[72] MACHULSKY, GEORGY, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-06-28
[86] 2016-12-28 (PCT/US2016/068954)
[87] (WO2017/117259)
[30] US (14/983,436) 2015-12-29
[30] US (14/983,431) 2015-12-29
[30] US (14/983,434) 2015-12-29

[21] **3,010,187**
[13] A1

[51] **Int.Cl. B05B 3/06 (2006.01) B05B 3/04 (2006.01) B05B 7/06 (2006.01) B05B 7/24 (2006.01)**

[25] EN

[54] **PNEUMATIC CLEANING GUN**

[54] **PISTOLET PNEUMATIQUE DE NETTOYAGE**

[72] CHANG, LAN-FEN, TW
[71] HENDL WERKZEUGE GMBH & CO. KG, DE
[85] 2018-06-29
[86] 2016-11-24 (PCT/EP2016/078709)
[87] (WO2017/017286)
[30] TW (104 221 184) 2015-12-30
[30] TW (105 209 836) 2016-06-30

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[21] **3,010,188**
[13] A1
[51] **Int.Cl. A61B 1/24 (2006.01)**
[25] EN
[54] **DENTAL IMAGER AND METHOD FOR RECORDING PHOTOGRAPHIC IMPRESSIONS**
[54] **DISPOSITIF D'IMAGERIE DENTAIRE ET PROCEDE D'ENREGISTREMENT D'IMPRESSIONS PHOTOGRAPHIQUES**
[72] MARTIN, MARCO, US
[71] MARTIN, MARCO, US
[85] 2018-06-28
[86] 2017-02-01 (PCT/US2017/016088)
[87] (WO2017/136471)
[30] US (62/289,504) 2016-02-01
[30] US (15/422,201) 2017-02-01

[21] **3,010,190**
[13] A1
[51] **Int.Cl. B01D 15/18 (2006.01) B01J 39/05 (2017.01) B01J 41/05 (2017.01) A61K 51/06 (2006.01) A61K 51/12 (2006.01) B01D 15/36 (2006.01) G21C 1/00 (2006.01)**
[25] EN
[54] **ISOTOPE PREPARATION METHOD**
[54] **PROCEDE DE PREPARATION D'ISOTOPE**
[72] MANTZILAS, DIMITRIOS, NO
[72] KARLSON, JAN ROGER, NO
[72] OSTBY, JUDIT TJELMELAND, NO
[71] BAYER AS, NO
[85] 2018-06-29
[86] 2016-12-29 (PCT/EP2016/082835)
[87] (WO2017/118591)
[30] GB (1600154.7) 2016-01-05

[21] **3,010,191**
[13] A1
[51] **Int.Cl. B01D 15/36 (2006.01) B01J 41/05 (2017.01) A61K 51/06 (2006.01) A61K 51/12 (2006.01)**
[25] EN
[54] **ISOTOPE PREPARATION METHOD**
[54] **PROCEDE DE PREPARATION D'ISOTOPE**
[72] MANTZILAS, DIMITRIOS, NO
[72] KARLSON, JAN ROGER, NO
[72] OSTBY, JUDIT TJELMELAND, NO
[72] FRENVIK, JANNE OLSEN, NO
[71] BAYER AS, NO
[85] 2018-06-29
[86] 2016-12-29 (PCT/EP2016/082837)
[87] (WO2017/118592)
[30] GB (1600153.9) 2016-01-05

[21] **3,010,193**
[13] A1
[51] **Int.Cl. C23C 30/00 (2006.01) B05D 5/08 (2006.01) B22C 3/00 (2006.01) B22D 17/20 (2006.01) B29C 33/60 (2006.01)**
[25] EN
[54] **BORON NITRIDE COATINGS FOR METAL PROCESSING AND METHODS OF USING THE SAME**
[54] **REVETEMENTS EN NITRURE DE BORE POUR LE TRAITEMENT DES METAUX ET LEURS PROCEDES D'UTILISATION**
[72] DANTAL, BARISH, US
[72] RAMAN, CHANDRASHIEKAR, US
[71] MOMENTIVE PERFORMANCE MATERIALS INC., US
[85] 2018-06-28
[86] 2016-12-29 (PCT/US2016/069071)
[87] (WO2017/117324)
[30] US (62/272,307) 2015-12-29

[21] **3,010,194**
[13] A1
[51] **Int.Cl. B65D 5/02 (2006.01) B65D 5/10 (2006.01) B65D 5/54 (2006.01) B65D 5/66 (2006.01)**
[25] EN
[54] **CARTON WITH RECLOSABLE TOP**
[54] **CARTON A COUVERCLE REFERMABLE**
[72] COOPER, MATT, US
[72] BATES, AARON LEE, US
[72] PINKSTONE, FELICIA A., US
[72] LENKETT, GARY, US
[72] HAJEK, RONALD E., US
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2018-06-28
[86] 2017-02-02 (PCT/US2017/016159)
[87] (WO2017/136514)
[30] US (62/291,708) 2016-02-05

[21] **3,010,195**
[13] A1
[51] **Int.Cl. B25J 9/00 (2006.01) B25J 9/10 (2006.01) B25J 11/00 (2006.01)**
[25] EN
[54] **HEAD SUPPORT SYSTEMS AND METHODS FOR USE**
[54] **SYSTEMES DE SUPPORT DE TETE ET PROCEDES D'UTILISATION**
[72] DOYLE, MARK C., US
[71] ENHANCE TECHNOLOGIES, LLC, US
[85] 2018-06-28
[86] 2016-12-28 (PCT/US2016/069032)
[87] (WO2017/117299)
[30] US (62/271,957) 2015-12-28

[21] **3,010,196**
[13] A1
[51] **Int.Cl. B01D 15/36 (2006.01) B01J 39/05 (2017.01) A61K 51/06 (2006.01) A61K 51/12 (2006.01)**
[25] EN
[54] **ISOTOPE PURIFICATION METHOD**
[54] **PROCEDE DE PURIFICATION D'ISOTOPE**
[72] FRENVIK, JANNE OLSEN, NO
[72] RYAN, OLAV B., NO
[71] BAYER AS, NO
[85] 2018-06-29
[86] 2016-12-29 (PCT/EP2016/082842)
[87] (WO2017/118593)
[30] GB (1600161.2) 2016-01-05

Demandes PCT entrant en phase nationale

[21] 3,010,197
[13] A1

[51] **Int.Cl. H04L 9/08 (2006.01)**
[25] EN
[54] **PROCEDE D'EXTRACTION UNIVALENTE ET UNIVOQUE DE CLES A PARTIR DU CANAL DE PROPAGATION**

[54] **PROCESS FOR MONOVALENT ONE-TO-ONE EXTRACTION OF KEYS FROM THE PROPAGATION CHANNEL**

[72] MOLIERE, RENAUD, FR
[72] KAMENI NGASSA, CHRISTIANE, FR
[72] DELAVEAU, FRANCOIS, FR
[72] LEMENAGER, CLAUDE, FR
[72] SIBILLE, ALAIN, FR
[72] MAZLOUM, TAGHIRI, FR
[72] SHAPIRA, NIR, IL
[71] THALES, FR
[71] INSTITUT MINES TELECOM, FR
[71] CELENO COMMUNICATIONS LTD, IL

[85] 2018-06-29
[86] 2016-12-29 (PCT/EP2016/082874)
[87] (WO2017/114920)
[30] FR (15/02712) 2015-12-29

[21] 3,010,198
[13] A1

[51] **Int.Cl. B01D 53/32 (2006.01) B01D 53/48 (2006.01) B01D 53/64 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RECOVERING METALS AND SULFUR FROM FEED STREAMS CONTAINING METAL SULFIDES AND POLYSULFIDES**

[54] **PROCEDE ET APPAREIL DE RECUPERATION DE METAUX ET DE SOUFRE DANS DES COURANTS D'ALIMENTATION CONTENANT DES POLYSULFIDES ET DES SULFURES METALLIQUES**

[72] GORDON, JOHN HOWARD, US
[71] ENLIGHTEN INNOVATIONS INC., CA

[85] 2018-06-28
[86] 2016-12-29 (PCT/US2016/069162)
[87] (WO2017/117373)
[30] US (62/272,224) 2015-12-29

[21] 3,010,199
[13] A1

[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **METHOD OF DIRECT TARGET SEQUENCING USING NUCLEASE PROTECTION**

[54] **PROCEDE DE SEQUENCAGE DIRECT DE CIBLES A L'AIDE D'UNE PROTECTION CONTRE LA NUCLEASE**

[72] THOMPSON, DEBRAH, US
[72] ROUNSEVILLE, MATTHEW, US
[71] HTG MOLECULAR DIAGNOSTICS, INC., US

[85] 2018-06-28
[86] 2017-02-10 (PCT/US2017/017512)
[87] (WO2017/139672)
[30] US (62/294,143) 2016-02-11
[30] US (62/435,459) 2016-12-16

[21] 3,010,200
[13] A1

[51] **Int.Cl. C07D 407/10 (2006.01) C07D 409/14 (2006.01) C07D 493/04 (2006.01) C07D 495/04 (2006.01) H01L 51/42 (2006.01)**
[25] EN
[54] **COMPOUND FOR PHOTOACTIVE ORGANIC ELECTRONIC COMPONENTS AND PHOTOACTIVE ORGANIC ELECTRONIC COMPONENT CONTAINING THE COMPOUND**

[54] **COMPOSE POUR DES COMPOSANTS ELECTRONIQUES ORGANIQUES PHOTOACTIFS ET COMPOSANT ELECTRONIQUE ORGANIQUE PHOTOACTIF COMPRENANT LEDIT COMPOSE**

[72] HILDEBRANDT, DIRK, DE
[72] GERDES, OLGA, DE
[72] FITZNER, ROLOAND, DE
[72] D'SOUZA, DANIEL, DE
[72] MATTERSTEIG, GUNTER, DE
[72] WEISS, ANDRE, DE
[71] HELIA TEK GMBH, DE

[85] 2018-06-29
[86] 2016-12-30 (PCT/EP2016/082900)
[87] (WO2017/114937)
[30] DE (10 2015 123 005.4) 2015-12-30
[30] EP (16181348.0) 2016-07-26

[21] 3,010,201
[13] A1

[51] **Int.Cl. B64D 45/02 (2006.01) B32B 15/14 (2006.01) B64C 1/12 (2006.01) B64C 3/26 (2006.01) H02G 13/00 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL SURFACING MATERIAL WITH BURN-THROUGH RESISTANCE**

[54] **MATERIAU DE REVETEMENT MULTIFONCTION RESISTANT AUX BRULURES PERFORANTES**

[72] SANG, JUNJIE JEFFREY, US
[72] LENZI, FIORENZO, IT
[72] MEEGAN, JONATHAN EDWARD, GB

[72] MACADAMS, LEONARD, US
[72] ZHAO, YIQIANG, US
[72] KOHIL, DALIP KUMAR, US
[71] CYTEC INDUSTRIES INC., US

[85] 2018-06-28
[86] 2016-12-29 (PCT/US2016/069192)
[87] (WO2017/117383)
[30] US (62/272,902) 2015-12-30

[21] 3,010,202
[13] A1

[51] **Int.Cl. B23P 11/00 (2006.01) F16B 21/09 (2006.01) F16D 1/072 (2006.01) F16L 13/14 (2006.01) F16L 33/025 (2006.01) G01R 1/04 (2006.01) H01R 13/40 (2006.01)**
[25] EN
[54] **SACRIFICIAL MECHANICAL LINK**

[54] **LIAISON MECANIQUE SACRIFICIELLE**

[72] BALLY, ALEXANDER, US
[71] NEXXSPAN HEALTHCARE, LLC, US

[85] 2018-06-28
[86] 2017-02-17 (PCT/US2017/018300)
[87] (WO2017/147005)
[30] US (15/049,466) 2016-02-22
[30] US (15/049,477) 2016-02-22

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[21] **3,010,203**
[13] A1
[51] **Int.Cl. A61K 31/436 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **TACROLIMUS FOR TREATING TDP-43 PROTEINOPATHY**
[54] **LE TACROLIMUS POUR TRAITER LA PROTEINOPATHIE TDP-43**
[72] APPELFORD, PETE, GB
[72] JONES, HUW, GB
[72] KUHLMAN, HELEN, GB
[72] SHERRIFF, JULIA, GB
[71] CHRONOS THERAPEUTICS LIMITED, GB
[85] 2018-06-28
[86] 2017-01-06 (PCT/GB2017/050021)
[87] (WO2017/118857)
[30] GB (1600376.6) 2016-01-08

[21] **3,010,204**
[13] A1
[51] **Int.Cl. H01L 51/46 (2006.01)**
[25] EN
[54] **ORGANIC SEMICONDUCTING MATERIAL AND USE THEREOF IN ORGANIC DEVICES**
[54] **MATERIAU SEMI-CONDUCTEUR ORGANIQUE ET SON UTILISATION DANS DES COMPOSANTS ORGANIQUES**
[72] HILDEBRANDT, DIRK, DE
[72] GERDES, OLGA, DE
[72] FITZNER, ROLAND, DE
[72] D'SOUZA, DANIEL, DE
[72] MATTERSTEIG, GUNTHER, DE
[72] WEISS, ANDRE, DE
[71] HELIATEK GMBH, DE
[85] 2018-06-29
[86] 2016-12-30 (PCT/EP2016/082901)
[87] (WO2017/114938)
[30] DE (10 2015 123 006.2) 2015-12-30
[30] EP (16181347.2) 2016-07-26

[21] **3,010,205**
[13] A1
[51] **Int.Cl. A61K 38/47 (2006.01) A61K 31/445 (2006.01)**
[25] EN
[54] **AUGMENTED ACID ALPHA-GLUCOSIDASE FOR THE TREATMENT OF POMPE DISEASE**
[54] **ALPHA-GLUCOSIDASE ACIDE AMELIOREE POUR LE TRAITEMENT DE LA MALADIE DE POMPE**
[72] DO, HUNG V., US
[72] KHANNA, RICHIE, US
[72] GOTSCHALL, RUSSELL, US
[71] AMICUS THERAPEUTICS, INC., US
[85] 2018-06-28
[86] 2016-12-29 (PCT/US2016/069243)
[87] (WO2017/117407)
[30] US (62/272,890) 2015-12-30
[30] US (62/300,479) 2016-02-26
[30] US (62/315,412) 2016-03-30
[30] US (62/402,454) 2016-09-30
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[25] EN
[54] **INFRARED-TRANSPARENT POROUS POLYMER TEXTILE FOR HUMAN BODY COOLING AND HEATING**
[54] **TEXTILE POLYMER POREUX TRANSPARENT AUX INFRAROUGES PERMETTANT LE REFROIDISSEMENT ET LE RECHAUFFEMENT DU CORPS HUMAIN**
[72] CUI, YI, US
[72] FAN, SHANHUI, US
[72] HSU, PO-CHUN, US
[72] SONG, ALEX YU, US
[72] CATRYSSSE, PETER B., US
[72] PENG, YUCAN, US
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[51] **Int.Cl. B01F 5/06 (2006.01) C10G 29/20 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MIXING HYDROGEN SULFIDE SCAVENGER WITH CRUDE OIL WITHIN A PIPELINE**
[54] **APPAREIL ET PROCEDE DE MELANGE D'ENTRAINEUR DE SULFURE D'HYDROGENE AVEC DU PETROLE BRUT DANS UN PIPELINE**
[72] MARSIS, EMANUEL, GUIRGUIS RASMY, US
[72] RODGERS, PATRICK, US
[72] IONESCU, TUDOR CONSTANTIN, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[25] EN
[54] **HIGH-PURITY INHALABLE PARTICLES OF INSULIN AND INSULIN ANALOGUES, AND HIGH-EFFICIENCY METHODS OF MANUFACTURING THE SAME**
[54] **PARTICULES INHALABLES D'INSULINE ET D'ANALOGUES D'INSULINE DE GRANDE PURETE, LEURS PROCEDES DE PREPARATION A HAUTE EFFICACITE**
[72] DING, JEFFREY, US
[72] BO, AILI, US
[72] LUO, MARY ZIPING, US
[72] ZHANG, JACK YONGFENG, US
[71] AMPHASTAR PHARMACEUTICALS, INC., US
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[54] **OPTIMIZATION OF GEOPHYSICAL WORKFLOW PERFORMANCE USING ON-DEMAND PRE-FETCHING FOR LARGE SEISMIC DATASETS**

[54] **OPTIMISATION DE PERFORMANCE DE FLUX DE TRAVAUX GEOPHYSIQUES PAR PRELECTURE A LA DEMANDE POUR DE GRANDS ENSEMBLES DE DONNEES SISMQUES**

[72] NGUYEN, NAM XUAN, US

[72] TAN, XUEWEI, US

[72] LIU, MENG DONG GUO, US

[71] LANDMARK GRAPHICS CORPORATION, US

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[54] **COMPOSES QUADRACYCLIQUES CONDENSES, COMPOSITIONS ET UTILISATIONS ASSOCIEES**

[72] MCCOMAS, CASEY CAMERON, US

[72] SERRANO-WU, MICHAEL H., US

[72] VACCA, JOSEPH P., US

[71] TABOMEDEX BIOSCIENCES, LLC, US

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[54] **PURIFICATION METHOD**

[54] **PROCEDE DE PURIFICATION**

[72] FRENVIK, JANNE OLSEN, NO

[72] RYAN, OLAV B., NO

[71] BAYER AS, NO

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[54] **CONVERSION OF WASTE CO2 INTO USEFUL TRANSPORT FUELS USING STEAM METHANE REFORMER IN A GAS TO LIQUIDS PLANT**

[54] **CONVERSION DE CO2 DE REJET EN CARBURANTS DE TRANSPORT UTILES A L'AIDE D'UN REFORMEUR DE METHANE A LA VAPEUR DANS UNE INSTALLATION DE TRANSFORMATION DE GAZ EN LIQUIDES**

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[71] FLUOR TECHNOLOGIES CORPORATION, US

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[72] CASTORA, FRANK J., US

[71] EASTERN VIRGINIA MEDICAL SCHOOL, US

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[72] WAHMES, LUKAS, DE

[71] MAUSER-WERKE GMBH, DE

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[54] BIOMARQUEURS ET PROCÉDES DE DETECTION DE CRISES EPILEPTIQUES ET DE L'EPILEPSIE

[72] WALLACH, TODD, US

[72] CRINO, PETER, US

[72] POLLARD, JOHN, US

[72] BRAND, ELIZABETH, US

[72] STRAUMAN, MAURA, US

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[72] GLEDHILL, JOHN, US

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[54] ECHANGEUR DE CHALEUR ET PROCÉDE DE FABRICATION D'ECHANGEUR DE CHALEUR

[72] BYFIELD, GEOFFREY, AU

[71] WOODSIDE ENERGY

TECHNOLOGIES PTY LTD, AU

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[54] ANTICORPS ANTI-CD9 THERAPEUTIQUE

[72] SPITS, HERGEN, NL

[72] VAN HILDEN, PAULA MARIA WILHELMINA, NL

[72] SCHOTTE, REMKO, NL

[72] POS, WOUTER, NL

[72] FATMAWATI, CHRISTIEN, NL

[72] GO, DANIEL MICHEL, NL

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[72] VILLAUDY, JULIEN CHRISTIAN, NL

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[54] PROCÉDE DE VERIFICATION DE L'IDENTITE D'UNE PERSONNE

[72] MARTINUSSEN, HARALD, NO

[71] KK88.NO AS, NO

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[54] METHODS FOR PROTEOME DOCKING TO IDENTIFY PROTEIN-LIGAND INTERACTIONS

[54] PROCÉDES POUR UN ACCROCHAGE DE PROTEOME AFIN D'IDENTIFIER DES INTERACTIONS PROTEINE-LIGAND

[72] MACKINNON, STEPHEN SCOTT, CA

[72] MORAYNISS, LEONARD DAVID, CA

[72] MITAKIDIS, JASON, CA

[72] GWADRY, FAUD G, CA

[71] CYCLICA INC., CA

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[54] COMPOSITIONS CONTRE LE VIRUS PARAINFLUENZA PORCIN ET METHODES Y RELATIVES

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[71] KANSAS STATE UNIVERSITY RESEARCH FOUNDATION, US

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[54] **PROCEDE, RECEPTEUR, EMETTEUR ET SYSTEME DE FORMATION DE FAISCEAU**
[72] ZHANG, ZHIWEI, CN
[72] XIA, SHANCHUN, CN
[72] CHEN, MO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **APPARATUS AND METHOD FOR MONITORING MERCHANDISE**
[54] **APPAREIL ET PROCEDE DE SURVEILLANCE DE MARCHANDISES**
[72] JONES, NICHOLAUS A., US
[72] TAYLOR, ROBERT J., US
[72] JONES, MATTHEW A., US
[71] WALMART APOLLO, LLC, US
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[54] **ELEMENTS DE LIAISON COMPORTANT DES DOMAINES D'ECHAFAUDAGE A MIXITE MODIFIEE**
[72] KARATT VELLATT, ANEESH, GB
[72] MCCAFFERTY, JOHN, GB
[72] SURADE, SACHIN, GB
[72] LUETKENS, TIM, US
[72] MASTERS, EDWARD, GB
[72] DYSON, MICHAEL, GB
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[54] **METHODS AND COMPOSITIONS FOR DETECTING CANDIDA SPECIES**
[54] **PROCEDES ET COMPOSITIONS DE DETECTION L'ESPECE CANDIDA**
[72] HUDSON, ANGELA S., US
[72] GETMAN, DAMON K., US
[72] JIANG, ALICE, US
[72] EATON, BARBARA L., US
[71] GEN-PROBE INCORPORATED, US
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[54] **PROCEDE ET APPAREIL D'ACQUISITION DE CODE DE VERIFICATION ET TERMINAL**
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[72] ZHANG, ZUOQIANG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **USE OF AN ACRYLATE COPOLYMER AS RETENTION AID IN A METHOD OF MAKING A SUBSTRATE COMPRISING CELLULOSIC FIBRES**
[54] **UTILISATION D'UN COPOLYMER D'ACRYLATE COMME ADJUVANT DE RETENTION DANS UN PROCEDE DE FABRICATION D'UN SUBSTRAT COMPRENANT DES FIBRES CELLULOSIQUES**
[72] COWMAN, JOHN, GB
[72] CORPET, DAMIEN JULIEN, FR
[72] DEKOCK, PAUL, GB
[72] KOHLER, ACHIM, DE
[71] ARCHROMA IP GMBH, CN
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 [54] SLIDING SLEEVE OPENING TOOL
 [54] OUTIL POUR L'OUVERTURE D'UN MANCHON COULISSANT
 [72] GAN, ZHENWEI, CN
 [72] QI, BIN, CN
 [72] HOU, ZHIMIN, CN
 [72] HU, SHUNQU, CN
 [72] ZHAO, WEI, CN
 [72] XIE, ZHI, CN
 [72] WANG, QIANG, CN
 [72] LIU, TAO, CN
 [72] PAN, JIAN, CN
 [72] PANG, WENFENG, CN
 [71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
 [71] SINOPEC SOUTHWEST OIL & GAS COMPANY, CN
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 [25] EN
 [54] VIRTUAL AND AUGMENTED REALITY SYSTEMS AND METHODS HAVING UNEQUAL NUMBERS OF COMPONENT COLOR IMAGES DISTRIBUTED ACROSS DEPTH PLANES
 [54] SYSTEMES ET PROCEDES DE REALITE VIRTUELLE ET AUGMENTEE AYANT DES NOMBRES INEGAUX D'IMAGES DE COULEUR DE COMPOSANTE REPARTIES SUR DES PLANS DE PROFONDEUR
 [72] SCHOWENGERDT, BRIAN T., US
 [72] HUA, HONG, US
 [72] CHENG, HUI-CHUAN, US
 [72] PEREZ, CHRISTOPHER, US
 [71] MAGIC LEAP, INC., US
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 [25] EN
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 [54] APPAREILS ET PROCESSUS DE PRODUCTION DE COUCHES A EFFET OPTIQUE COMPRENANT DES PARTICULES DE PIGMENT MAGNETIQUES OU MAGNETISABLES NON SPHERIQUES ORIENTEES
 [72] LOGINOV, EVGENY, CH
 [72] SCHMID, MATHIEU, CH
 [72] DESPLAND, CLAUDE-ALAIN, CH
 [71] SICPA HOLDING SA, CH
 [85] 2018-06-29
 [86] 2017-02-23 (PCT/EP2017/054145)
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 [72] ADAMS, DOUGLAS, US
 [72] FLAKE, DARL., US
 [71] MYRIAD GENETICS, INC., US
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 [25] EN
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 [54] IMPLANTS ORTHOPEDIQUES A SURFACES POREUSES TEXTUREES
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 [72] NEBOSKY, PAUL S., US
 [72] STALCUP, GREGORY C., US
 [71] SMED-TA/TD, LLC, US
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 [25] EN
 [54] TRANSMISSION APPARATUS, TRANSMISSION METHOD, RECEPTION APPARATUS, AND RECEPTION METHOD
 [54] APPAREIL DE TRANSMISSION, PROCEDE DE TRANSMISSION, APPAREIL DE RECEPTION ET PROCEDE DE RECEPTION
 [72] TSUKAGOSHI, IKUO, JP
 [71] SONY CORPORATION, JP
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 [87] (WO2017/119270)
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[13] A1

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[25] EN
[54] **NEW SLIDING SLEEVE**
[54] **NOUVEAU MANCHON COULISSANT**
[72] GAN, ZHENWEI, CN
[72] QI, BIN, CN
[72] HU, SHUNQU, CN
[72] HOU, ZHIMIN, CN
[72] LIU, TAO, CN
[72] CHEN, CHEN, CN
[72] WANG, LEI, CN
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[72] LIN, YONGMAO, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
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[30] CN (201610036843.6) 2016-01-20
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[25] EN
[54] **DATA PROCESSING APPARATUS AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE TRAITEMENT DE DONNEES ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] TAKAHASHI, KAZUYUKI, JP
[72] MICHAEL, LACHLAN BRUCE, JP
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[51] **Int.Cl. A61F 13/20 (2006.01) A61F 13/34 (2006.01) B65H 65/00 (2006.01) B65H 69/04 (2006.01)**
[25] EN
[54] **METHOD OF WINDING UP TAMPON MATERIAL**
[54] **PROCEDE D'ENROULEMENT DE MATERIAU DE TAMPON**
[72] CANKAR, THOMAS, DE
[72] KLAR, MARKUS, DE
[72] ANGER, MARKUS, DE
[72] BERGERMANN, MARTIN, FR
[71] JOHNSON & JOHNSON GMBH, DE
[85] 2018-06-29
[86] 2016-12-30 (PCT/IB2016/058120)
[87] (WO2017/115337)
[30] US (62/273,791) 2015-12-31

[21] 3,010,252
[13] A1

[51] **Int.Cl. B65B 11/32 (2006.01) A61F 13/20 (2006.01) B65B 19/00 (2006.01) B65B 47/06 (2006.01) B65B 49/12 (2006.01)**
[25] EN
[54] **METHOD OF FORMING PRIMARY PACKAGE TUBE FOR TAMPONS**
[54] **PROCEDE DE FORMATION D'UN TUBE D'EMBALLAGE PRIMAIRE POUR TAMPONS**
[72] CANKAR, THOMAS, DE
[72] KLAR, MARKUS, DE
[72] BERGERMANN, MARTIN, DE
[72] ARNESEN, JENS-PETTER, FR
[72] ANGER, MARKUS, DE
[71] JOHNSON & JOHNSON GMBH, DE
[85] 2018-06-29
[86] 2016-12-30 (PCT/IB2016/058118)
[87] (WO2017/115335)
[30] US (62/273,775) 2015-12-31

[21] 3,010,253
[13] A1

[51] **Int.Cl. H01B 13/00 (2006.01) H01M 10/0562 (2010.01) H01B 1/06 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING IONIC CONDUCTOR**
[54] **PROCEDE DE FABRICATION D'UN CONDUCTEUR D'IONS**
[72] SHIMADA, MASAHIRO, JP
[72] ITO, TOMOHIRO, JP
[72] KATORI, AKI, JP
[72] UNEMOTO, ATSUSHI, JP
[72] ORIMO, SHINICHI, JP
[71] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[71] TOHOKU TECHNO ARCH CO., LTD., JP
[85] 2018-06-29
[86] 2017-01-13 (PCT/JP2017/000905)
[87] (WO2017/126416)
[30] JP (2016-007433) 2016-01-18
[30] JP (2016-007434) 2016-01-18

[21] 3,010,255
[13] A1

[51] **Int.Cl. H05K 7/20 (2006.01)**
[25] EN
[54] **SELF-ADJUSTABLE HEAT SPREADER SYSTEM FOR SET-TOP BOX ASSEMBLIES**
[54] **SYSTEME POUR DISSIPATEUR THERMIQUE A REGLAGE AUTOMATIQUE POUR ENSEMBLES BOITIERS DECODEURS**
[72] TRYGUBOVA, SVITLANA, US
[72] KIRBY, MORGAN, US
[71] DISH TECHNOLOGIES L.L.C., US
[85] 2018-06-29
[86] 2016-10-21 (PCT/US2016/058196)
[87] (WO2017/116536)
[30] US (14/986,065) 2015-12-31

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[13] A1
[51] **Int.Cl. F23L 7/00 (2006.01) F23J 15/00 (2006.01) F23J 15/06 (2006.01) F23K 5/00 (2006.01) F23L 15/00 (2006.01)**
[25] EN
[54] **COMBUSTION GAS SUPPLY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE GAZ DE COMBUSTION**
[72] SHIBUYA, HIDESHI, JP
[72] YANO, AKIHISA, JP
[72] OKA, TATSUYA, JP
[72] AKITA, TAKAHITO, JP
[72] YAMAMOTO, TAIGA, JP
[72] KAMEOKA, YUSHI, JP
[72] TAKEUCHI, YUSUKE, JP
[72] YASUI, KOKI, JP
[71] IHI CORPORATION, JP
[85] 2018-06-29
[86] 2017-01-16 (PCT/JP2017/001153)
[87] (WO2017/130758)
[30] JP (2016-011368) 2016-01-25

[21] **3,010,259**
[13] A1
[51] **Int.Cl. H04W 74/08 (2009.01) H04J 1/00 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PRIORITIZATION OF RANDOM ACCESS IN A MULTI-USER WIRELESS COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE DE PRIORISATION D'ACCES ALEATOIRE DANS UN SYSTEME DE COMMUNICATION SANS FIL A UTILISATEURS MULTIPLES**
[72] CHITRAKAR, ROJAN, SG
[72] URABE, YOSHIO, JP
[72] HUANG, LEI, SG
[72] SIM, MICHAEL HONG CHENG, SG
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2018-06-29
[86] 2017-01-31 (PCT/JP2017/003280)
[87] (WO2017/150041)
[30] JP (2016-042036) 2016-03-04

[21] **3,010,263**
[13] A1
[51] **Int.Cl. G06F 3/033 (2013.01)**
[25] EN
[54] **MANAGING DISPLAYED INFORMATION ACCORDING TO USER GAZE DIRECTIONS**
[54] **GESTION DES INFORMATIONS AFFICHEES SELON LES DIRECTIONS DU REGARD DE L'UTILISATEUR**
[72] NOCHAM, ITAMAR, IL
[72] SHAHAL, AVNER, IL
[71] ELBIT SYSTEMS LTD., IL
[85] 2018-06-29
[86] 2016-12-28 (PCT/IL2016/051390)
[87] (WO2017/115365)
[30] IL (243422) 2015-12-30

[21] **3,010,265**
[13] A1
[51] **Int.Cl. C07K 14/605 (2006.01) A61K 38/26 (2006.01)**
[25] EN
[54] **PERSISTENT CONJUGATE OF TRIPLE ACTIVATOR ACTIVATING GLUCAGON, GLP-1 AND GIP RECEPTOR**
[54] **CONJUGUE PERSISTANT D'UN TRIPLE ACTIVATEUR ACTIVANT LE RECEPTEUR DU GLUCAGON, DU GLP-1 ET DU GIP**
[72] OH, EUH LIM, KR
[72] LEE, JONG SUK, KR
[72] PARK, YOUNG JIN, KR
[72] LIM, CHIANG KI, KR
[72] JUNG, SUNG YOUNG, KR
[72] KWON, SE CHANG, KR
[71] HANMI PHARM. CO., LTD., KR
[85] 2018-06-29
[86] 2016-12-30 (PCT/KR2016/015555)
[87] (WO2017/116205)
[30] KR (10-2015-0191082) 2015-12-31
[30] KR (10-2016-0163737) 2016-12-02

[21] **3,010,270**
[13] A1
[51] **Int.Cl. B65D 57/00 (2006.01) B65D 5/48 (2006.01) B65D 5/49 (2006.01) B65D 5/494 (2006.01)**
[25] EN
[54] **SEPARATOR OF ITEMS OF BOTTLE TYPE AND ASSOCIATED TEMPLATE**
[54] **SEPARATEUR D'ARTICLES DU TYPE BOUTEILLES ET FLAN ASSOCIE**
[72] HERRERA MUNOZ, JORGE FUNDADOR, CL
[71] INDUSTRIAL Y COMERCIAL CELHEX LTDA., CL
[85] 2018-06-29
[86] 2016-10-25 (PCT/CL2016/000063)
[87] (WO2017/205991)
[30] CL (1336-2016) 2016-06-01

[21] **3,010,272**
[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) H04W 4/02 (2018.01) H04W 12/06 (2009.01)**
[25] EN
[54] **AUTONOMOUS VEHICLE SERVICES**
[54] **SERVICES POUR VEHICULE AUTONOME**
[72] URMSON, CHRISTOPHER PAUL, US
[72] COLJN, PETER, US
[72] DOLGOV, DMITRI A., US
[72] FAIRFIELD, NATHANIEL, US
[72] PANDIT, SALIL, US
[72] PATEL, NIRMAL, US
[72] POWELL, RYAN, US
[72] CHAN, MIN LI, US
[71] WAYMO LLC, US
[85] 2018-06-29
[86] 2016-12-27 (PCT/US2016/068650)
[87] (WO2017/117095)
[30] US (62/273,067) 2015-12-30
[30] US (15/358,729) 2016-11-22

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[21] **3,010,282**
[13] A1

[51] **Int.Cl. G07F 19/00 (2006.01)**
[25] EN
[54] **A DEVICE FOR DETECTION THE FOREIGN OBJECTS PLACED, JAMMING THE DATA WITH DISRUPTIVE SIGNALS, ISSUING WARNING NOTICES AND RECORDING THE EVENTS IN ORDER TO PROTECT THE DATA ON THE CARDS USED IN THE PAYMENT STATIONS**

[54] **DISPOSITIF DE DETECTION D'OBJETS ETRANGERS PLACES, DE BROUILLAGE DES DONNEES AVEC DES SIGNAUX PERTURBATEURS, D'EMISSION DE NOTIFICATIONS D'AVERTISSEMENT ET D'ENREGISTREMENT DES EVENEMENTS AFIN DE PROTEGER LES DONNEES MEMORISEES DANS LES CARTES UTILISEES DANS LES STATIONS DE PAIEMENT**

[72] DUDUOGLU, TUNCER, TR
[71] EKSPER BILISIM HIZMETLERI SANAYI VE TICARET LIMITED SIRKETI, TR
[85] 2018-06-29
[86] 2015-12-31 (PCT/TR2015/000394)
[87] (WO2017/116318)

[21] **3,010,283**
[13] A1

[51] **Int.Cl. E21B 41/00 (2006.01) G06F 15/18 (2006.01)**
[25] EN
[54] **MACHINE LEARNING FOR PRODUCTION PREDICTION**

[54] **APPRENTISSAGE MACHINE POUR LA PREDICTION DE PRODUCTION**

[72] MAHER, GABRIEL, US
[72] D'SOUZA, DANIEL, CA
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-06-29
[86] 2016-12-29 (PCT/US2016/069301)
[87] (WO2017/117445)
[30] US (62/272,386) 2015-12-29

[21] **3,010,284**
[13] A1

[51] **Int.Cl. A23K 10/00 (2016.01) A23K 10/10 (2016.01) A23K 10/20 (2016.01) A23K 10/30 (2016.01) A61J 3/07 (2006.01) A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 9/22 (2006.01) A61K 9/48 (2006.01) A61K 9/52 (2006.01)**

[25] EN
[54] **ANIMAL FEED BOLUS AND METHODS FOR MANUFACTURING THE SAME**

[54] **BOLUS D'ALIMENTATION ANIMALE ET PROCEDES POUR LE FABRIQUER**

[72] BEGUIN, JEAN MARIE, FR
[72] DAGORNE, RENE-POL, FR
[71] CAN TECHNOLOGIES, INC., US
[85] 2018-06-29
[86] 2016-11-22 (PCT/US2016/063279)
[87] (WO2017/119959)
[30] US (62/276,389) 2016-01-08

[21] **3,010,286**
[13] A1

[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/198 (2006.01) A61K 31/341 (2006.01) A61P 1/16 (2006.01)**

[25] EN
[54] **METHODS OF USING CASPASE INHIBITORS IN TREATMENT OF LIVER DISEASE**

[54] **METHODES D'UTILISATION D'INHIBITEURS DE CASPASE DANS LE TRAITEMENT D'UNE HEPATOPATHIE**

[72] SPADA, ALFRED P., US
[71] CONATUS PHARMACEUTICALS INC., US
[85] 2018-06-29
[86] 2016-12-30 (PCT/US2016/069363)
[87] (WO2017/117478)
[30] US (62/274,025) 2015-12-31

[21] **3,010,287**
[13] A1

[51] **Int.Cl. A47C 27/14 (2006.01) B05D 7/24 (2006.01)**
[25] EN
[54] **COOLING SUPPORT CUSHION AND METHOD OF PRODUCING THE SAME**

[54] **COUSSIN DE SUPPORT A REFROIDISSEMENT ET SON PROCEDE DE FABRICATION**

[72] TUROSO, ANTHONY G., US
[72] WALLACE, STEPHEN, US
[72] NIEDEROEST, BEAT, US
[71] TEMPUR-PEDIC MANAGEMENT, LLC, US
[85] 2018-06-29
[86] 2016-12-30 (PCT/US2016/069456)
[87] (WO2017/117515)
[30] US (62/272,952) 2015-12-30

[21] **3,010,289**
[13] A1

[51] **Int.Cl. A01N 43/30 (2006.01) A01N 43/40 (2006.01) A01N 43/54 (2006.01) C07D 405/00 (2006.01) C07D 405/02 (2006.01) C07D 405/12 (2006.01)**

[25] EN
[54] **FUNGAL CONTROL OF WHITE MOLD**

[54] **REGULATION FONGIQUE DE MOISSURE BLANCHE**

[72] CORREA DA SILVA, OLAVO, US
[72] KEMMITT, GREG, US
[72] BERNHARD, HANS U., US
[72] CAILLIAU, MATHILDE M., US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-06-29
[86] 2016-12-22 (PCT/US2016/068219)
[87] (WO2017/116951)
[30] US (62/273,398) 2015-12-30

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[21] **3,010,293**
[13] A1
[51] Int.Cl. A61M 5/178 (2006.01) B65B 3/00 (2006.01)
[25] EN
[54] **SYRINGE POSITIONING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE POSITIONNEMENT DE SERINGUE**
[72] STULTZ, TAMMY, US
[72] HOLIEN, DAVID LEE, US
[72] SVAL, SOPHIEUN, US
[72] UMANSKIY, YURIY KONSTANTINOVICH, US
[72] WARD, BRIAN WILLIAM, US
[72] HOVLAND, ROY SVEN, US
[72] HUTCHISON, JAMES ROBERT, US
[72] AUMILLER, JOSHUA NATHAN, US
[71] BAXTER CORPORATION
ENGLEWOOD, US
[85] 2018-06-29
[86] 2016-12-22 (PCT/US2016/068227)
[87] (WO2017/116955)
[30] US (62/272,786) 2015-12-30

[21] **3,010,294**
[13] A1
[51] Int.Cl. H04B 7/185 (2006.01)
[25] EN
[54] **MULTI-BEAM SATELLITE COMMUNICATION SYSTEM, RELAY APPARATUS AND CONTROL APPARATUS**
[54] **SYSTEME DE COMMUNICATION PAR SATELLITE A FAISCEAUX MULTIPLES, DISPOSITIF RELAIS ET DISPOSITIF DE COMMANDE**
[72] FUJIMURA, AKINORI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-06-29
[86] 2017-03-01 (PCT/JP2017/008154)
[87] (WO2017/150624)
[30] JP (2016-039595) 2016-03-02

[21] **3,010,295**
[13] A1
[51] Int.Cl. G01N 33/60 (2006.01) C12Q 1/37 (2006.01) G01N 33/68 (2006.01)
[25] EN
[54] **UREA-BASED PROSTATE SPECIFIC MEMBRANE ANTIGEN (PSMA) INHIBITORS FOR IMAGING AND THERAPY**
[54] **INHIBITEURS DE L'ANTIGENE MEMBRANAIRE SPECIFIQUE DE LA PROSTATE (PSMA) A BASE D'UREE, POUR IMAGERIE ET TRAITEMENT THERAPEUTIQUE**
[72] KUNG, HANK F., US
[72] PLOESSL, KARL, US
[72] CHOI, SEOK RYE, US
[72] ZHA, ZHIHUAO, US
[72] WU, ZEHUI, US
[71] FIVE ELEVEN PHARMA INC., US
[85] 2018-06-29
[86] 2016-12-22 (PCT/US2016/068327)
[87] (WO2017/116994)
[30] US (62/273,786) 2015-12-31
[30] US (15/385,490) 2016-12-20

[21] **3,010,298**
[13] A1
[51] Int.Cl. A61F 2/24 (2006.01) A61B 17/04 (2006.01) A61F 2/00 (2006.01)
[25] EN
[54] **MITRAL LEAFLET TETHERING**
[54] **ATTACHE DE FEUILLET MITRAL**
[72] BOLLING, STEVEN F., US
[72] LASHINSKI, RANDALL T., US
[71] PIPELINE MEDICAL TECHNOLOGIES, INC., US
[85] 2018-06-29
[86] 2016-12-30 (PCT/US2016/069567)
[87] (WO2017/117560)
[30] US (62/273,300) 2015-12-30
[30] US (62/383,338) 2016-09-02

[21] **3,010,299**
[13] A1
[51] Int.Cl. B25J 9/00 (2006.01) B25J 19/00 (2006.01)
[25] FR
[54] **EXOSKELETON STRUCTURE THAT PROVIDES FORCE ASSISTANCE TO THE USER**
[54] **STRUCTURE D'EXOSQUELETTE POUR L'ASSISTANCE A L'EFFORT D'UN UTILISATEUR**
[72] GRENIER, JORDANE, FR
[72] BAPTISTA, JONATHAN, FR
[72] THIEFFRY, ROLAND, FR
[72] VAURE, ALEXANDRE, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
[71] B-TEMIA INC., CA
[85] 2018-06-22
[86] 2016-12-23 (PCT/EP2016/082592)
[87] (WO2017/109193)
[30] FR (1563345) 2015-12-24

[21] **3,010,301**
[13] A1
[51] Int.Cl. H04N 21/2183 (2011.01) H04N 21/20 (2011.01) H04N 21/222 (2011.01) H04N 21/231 (2011.01) G06F 15/16 (2006.01) H04N 7/173 (2011.01)
[25] EN
[54] **ACCURATE CACHING IN ADAPTIVE VIDEO STREAMING**
[54] **MISE EN MEMOIRE CACHE PRECISE EN DIFFUSION VIDEO EN CONTINU ADAPTATIVE**
[72] SU, CHI-JIUN, US
[72] BHASKAR, UDAYA, US
[71] HUGHES NETWORK SYSTEMS, L.L.C., US
[85] 2018-06-29
[86] 2016-12-31 (PCT/US2016/069656)
[87] (WO2017/117591)
[30] US (14/986,608) 2015-12-31

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[21] 3,010,303
[13] A1

[51] **Int.Cl. H04N 21/2183 (2011.01) H04N 21/20 (2011.01) H04N 21/231 (2011.01) G06F 15/16 (2006.01) H04N 7/173 (2011.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR BROADCAST/MULTICAST CONTENT DELIVERY AND OPPORTUNISTIC CACHING IN A BROADBAND COMMUNICATIONS NETWORK**

[54] **APPAREIL ET PROCEDE POUR UNE DISTRIBUTION DE CONTENU DE DIFFUSION/MULTIDIFFUSION ET UNE MISE EN MEMOIRE CACHE OPPORTUNISTE DANS UN RESEAU DE COMMUNICATION A LARGE BANDE**

[72] SU, CHI-JIUN, US

[72] LEE, LIN-NAN, US

[71] HUGHES NETWORK SYSTEMS, LLC, US

[85] 2018-06-29

[86] 2016-12-31 (PCT/US2016/069654)

[87] (WO2017/117589)

[30] US (14/986,318) 2015-12-31

[21] 3,010,304
[13] A1

[51] **Int.Cl. A61M 5/31 (2006.01)**

[25] EN

[54] **TIP CAP FOR AUTOMATIC SYRINGE FILLING APPARATUS**

[54] **CAPUCHON D'EMBOUT POUR APPAREIL DE REMPLISSAGE DE SERINGUE AUTOMATIQUE**

[72] WARD, BRIAN WILLIAM, US

[72] MCCREA, JAMES, US

[72] DONNIGAN, STEPHEN NORMAN, US

[72] HALL, GREGORY WALTER, US

[72] HOVLAND, ROY SVEN, US

[72] HUTCHISON, JAMES ROBERT, III, US

[72] KELE, STEVE K., US

[72] OLCHINEY, MICHAEL DICKSON, US

[72] RAU, JEFFERY JONATHAN, US

[72] STULTZ, TAMMY LYNN, US

[71] BAXTER CORPORATION
ENGLEWOOD, US

[85] 2018-06-29

[86] 2016-12-22 (PCT/US2016/068235)

[87] (WO2017/116959)

[30] US (14/984,913) 2015-12-30

[21] 3,010,305
[13] A1

[51] **Int.Cl. A61M 5/178 (2006.01) G01B 11/14 (2006.01)**

[25] EN

[54] **MEASUREMENT OF SYRINGE GRADUATION MARKS USING A VISION SYSTEM**

[54] **MESURE DE MARQUES DE GRADUATION DE SERINGUE AU MOYEN D'UN SYSTEME DE VISION**

[72] UMANSKIY, YURIY KONSTANTINOVICH, US

[72] HEFFNER, CARI LYN, US

[72] HUTCHISON, JAMES ROBERT, US

[71] BAXTER CORPORATION
ENGLEWOOD, US

[85] 2018-06-29

[86] 2016-12-22 (PCT/US2016/068242)

[87] (WO2017/116961)

[30] US (62/272,789) 2015-12-30

[21] 3,010,306
[13] A1

[51] **Int.Cl. B01D 61/00 (2006.01) B01D 15/36 (2006.01)**

[25] EN

[54] **OPEN CELL OR RETICULATED FOAM FUNCTIONALIZED OPEN-NETWORK STRUCTURE FOR SELECTIVE SEPARATION OF MINERAL PARTICLES IN AN AQUEOUS SYSTEM**

[54] **STRUCTURE A RESEAU OUVERT FONCTIONNALISEE A MOUSSE RETICULEE OU CELLULE OUVERTE PERMETTANT LA SEPARATION SELECTIVE DE PARTICULES MINERALES DANS UN SYSTEME AQUEUX**

[72] ROTHMAN, PAUL J., US

[72] FERNALD, MARK R., US

[72] DOLAN, PAUL, US

[72] BAILEY, TIMOTHY J., US

[72] RYAN, MICHAEL, US

[71] CIDRA CORPORATE SERVICES LLC, US

[85] 2018-06-29

[86] 2017-01-09 (PCT/US2017/012689)

[87] (WO2017/120569)

[30] US (62/276,051) 2016-01-07

[30] US (62/405,569) 2016-10-07

[21] 3,010,308
[13] A1

[51] **Int.Cl. H04N 21/2662 (2011.01) H04N 21/2343 (2011.01) H04N 21/462 (2011.01) H04N 21/472 (2011.01) H04N 21/845 (2011.01) G06F 15/16 (2006.01)**

[25] EN

[54] **MAXIMIZING QUALITY OF SERVICE FOR QOS ADAPTIVE VIDEO STREAMING VIA DYNAMIC APPLICATION-LAYER THROUGHPUT RATE SHAPING**

[54] **MAXIMISATION DE LA QUALITE DE SERVICE POUR DIFFUSION EN FLUX DE VIDEO S'ADAPTANT A LA QOS PAR MISE EN FORME DYNAMIQUE DU DEBIT DE TRANSMISSION DANS LA COUCHE D'APPLICATIONS**

[72] SU, CHI-JIUN, US

[72] JAIN, KAUSTUBH, US

[72] HONG, SE GI, US

[71] HUGHES NETWORK SYSTEMS, LLC, US

[85] 2018-06-29

[86] 2016-12-31 (PCT/US2016/069655)

[87] (WO2017/117590)

[30] US (14/986,551) 2015-12-31

[21] 3,010,309
[13] A1

[51] **Int.Cl. B60J 3/02 (2006.01) B60Q 3/00 (2017.01) F21V 8/00 (2006.01)**

[25] EN

[54] **VISOR**

[54] **PARE-SOLEIL**

[72] JANOWIAK, ANTHONY R., US

[72] HINDS, LESLIE RAYMOND, US

[72] RATHSBURG, MARTIN JR., US

[72] MAYNE, ROBERT J., JR., US

[71] IRVIN AUTOMOTIVE PRODUCTS LLC, US

[85] 2018-06-29

[86] 2017-01-09 (PCT/US2017/012692)

[87] (WO2017/123494)

[30] US (14/996,530) 2016-01-15

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[21] **3,010,310**
[13] A1
[51] **Int.Cl. A61K 51/08 (2006.01) A61K 38/36 (2006.01) A61K 49/00 (2006.01) C12N 9/64 (2006.01)**
[25] EN
[54] **QUANTITATIVE PET IMAGING OF TISSUE FACTOR EXPRESSION USING 18F-LABELED ACTIVE SITE INHIBITED FACTOR VII**
[54] **IMAGERIE PAR TEP QUANTITATIVE DE L'EXPRESSION DU FACTEUR TISSULAIRE EMPLOYANT UN FACTEUR VII INHIBE A SITE ACTIF MARQUE AU 18F**
[72] KJAER, ANDREAS, DK
[72] HAAGEN NIELSEN, CARSTEN, DK
[71] RIGSHOSPITALET, DK
[85] 2018-07-03
[86] 2017-01-13 (PCT/DK2017/050006)
[87] (WO2017/121436)
[30] DK (PA 2016 70019) 2016-01-15

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[51] **Int.Cl. C12Q 1/68 (2018.01) G01N 21/00 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **SINGLE CELL GENOMIC PROFILING OF CIRCULATING TUMOR CELLS (CTCS) IN METASTATIC DISEASE TO CHARACTERIZE DISEASE HETEROGENEITY**
[54] **PROFILAGE GENOMIQUE MONOCELLULAIRE DES CELLULES TUMORALES CIRCULANTES (CTC) DANS UNE MALADIE METASTATIQUE PERMETTANT DE CARACTERISER L'HETEROGENEITE DE LA MALADIE**
[72] DITTAMORE, RYAN, US
[72] MARRINUCCI, DENA, US
[71] EPIC SCIENCES, INC., US
[85] 2018-06-29
[86] 2017-01-05 (PCT/US2017/012317)
[87] (WO2017/120324)
[30] US (62/275,659) 2016-01-06
[30] US (62/344,703) 2016-06-02

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[51] **Int.Cl. H04W 56/00 (2009.01)**
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[54] **SYNCHRONIZING INDOOR RADIO NODES**
[54] **SYNCHRONISATION DE NŒUDS RADIO D'INTERIEUR**
[72] PETRUS, PAUL, US
[72] MARTIN, STEVEN A., US
[71] RUCKUS WIRELESS, INC., US
[85] 2018-07-03
[86] 2015-12-30 (PCT/US2015/068186)
[87] (WO2017/116447)

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[51] **Int.Cl. A61K 39/42 (2006.01) A61P 31/16 (2006.01) C07K 14/11 (2006.01) C07K 16/08 (2006.01) C07K 16/10 (2006.01) C12N 15/44 (2006.01)**
[25] EN
[54] **METHOD OF TREATING INFLUENZA A**
[54] **METHODE DE TRAITEMENT DE LA GRIPPE A**
[72] KALLEWAARD-LELAY, NICOLE, US
[72] MALLORY, RABURN, US
[72] ROBBIE, GABRIEL, US
[72] REN, SONG, US
[71] MEDIMMUNE, LLC, US
[85] 2018-06-29
[86] 2017-01-12 (PCT/US2017/013086)
[87] (WO2017/123685)
[30] US (62/278,068) 2016-01-13

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[13] A1
[51] **Int.Cl. C09K 8/68 (2006.01) C09K 8/88 (2006.01) C09K 8/90 (2006.01)**
[25] EN
[54] **HYDRAULIC FRACTURING FLUID**
[54] **LIQUIDE DE FRACTURATION HYDRAULIQUE**
[72] LI, JIEMING, US
[72] LIANG, FENG, US
[72] AL-MUNTASHERI, GHATHAN A., US
[72] CAIRNS, AMY J., US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-07-03
[86] 2016-05-16 (PCT/US2016/032637)
[87] (WO2017/123274)
[30] US (14/994,958) 2016-01-13

[21] **3,010,315**
[13] A1
[51] **Int.Cl. C07D 49/04 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF THIENOPYRIMIDINE COMPOUND**
[54] **FORMES CRISTALLINES D'UN COMPOSE DE THIENOPYRIMIDINE**
[72] JUNG, JAE HYUK, KR
[72] BAEK, JONG OUK, KR
[72] JUNG, SUN YOUNG, KR
[72] KWAK, EUN JOO, KR
[72] KIM, HEE CHEOL, KR
[72] HA, TAE HEE, KR
[71] HANMI PHARM. CO., LTD., KR
[85] 2018-06-28
[86] 2016-12-30 (PCT/KR2016/015536)
[87] (WO2017/116193)
[30] KR (10-2015-0190854) 2015-12-31

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[13] A1
[51] **Int.Cl. E21B 19/06 (2006.01) E21B 19/00 (2006.01) E21B 19/10 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **OILFIELD HANDLING TOOL EQUIPMENT IDENTIFICATION**
[54] **IDENTIFICATION D'EQUIPEMENT D'OUTILLAGE DE MANUTENTION DE CHAMP PETROLIFERE**
[72] HARSHBARGER, CHRIS, US
[72] CHILDRESS, LAWRENCE E., II, US
[71] FORUM US, INC., US
[85] 2018-06-29
[86] 2017-01-17 (PCT/US2017/013777)
[87] (WO2017/127359)
[30] US (62/280,055) 2016-01-18

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[54] **LIGHTED AUTO VISOR MIRROR**

[54] **MIROIR DE PARE-SOLEIL D'AUTOMOBILE ECLAIRE**

[72] JANOWIAK, ANTHONY R., US

[72] WIECZOREK, ANDREW JOSEPH, US

[72] RATHSBURG, MARTIN J., JR., US

[72] HINDS, LESLIE RAYMOND, US

[72] NOWAKOWSKI, JOHN GERALD, US

[72] SCHUETZ, MARK ANTHONY, US

[71] IRVIN AUTOMOTIVE PRODUCTS, LLC, US

[85] 2018-06-29

[86] 2017-01-31 (PCT/US2017/015774)

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[30] US (62/289,490) 2016-02-01

[30] US (15/420,176) 2017-01-31

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[51] **Int.Cl. G06Q 10/06 (2012.01)**

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[54] **WORKFLOW CONTROL SYSTEM**

[54] **SYSTEME DE COMMANDE DE FLUX DE TRAVAUX**

[72] LAYDEN, REGINALD WAYNE, CA

[71] RAPTOR RIG, INC., CA

[85] 2018-07-03

[86] 2017-04-11 (PCT/CA2017/050444)

[87] (WO2017/177323)

[30] US (62/321,012) 2016-04-11

[21] **3,010,319**
[13] A1

[51] **Int.Cl. A41D 19/015 (2006.01) A63B 71/14 (2006.01)**

[25] EN

[54] **SAFETY GLOVE INCLUDING CHEMICAL RESISTANCE AND IMPACT PROTECTION AND METHOD OF MANUFACTURING THE SAME**

[54] **GANT DE SECURITE AYANT UNE RESISTANCE AUX PRODUITS CHIMIQUES ET UNE PROTECTION CONTRE LES CHOCs, ET SON PROCEDE DE FABRICATION**

[72] LIM, HARDY, US

[71] RINGERS TECHNOLOGIES LLC, US

[85] 2018-06-29

[86] 2016-12-28 (PCT/US2016/068830)

[87] (WO2017/117193)

[30] US (62/273,678) 2015-12-31

[21] **3,010,320**
[13] A1

[51] **Int.Cl. G06F 3/0482 (2013.01) G01S 19/01 (2010.01) G06F 3/041 (2006.01) G10L 15/02 (2006.01) G10L 15/20 (2006.01) H04L 29/06 (2006.01)**

[25] EN

[54] **UNIFYING USER-INTERFACE FOR MULTI-SOURCE MEDIA PLAYER**

[54] **UNIFICATION D'INTERFACE UTILISATEUR POUR UN LECTEUR DE CONTENU MULTIMEDIA MULTI-SOURCE**

[72] GIBBONS, SEAN, US

[72] CALVIN, THEODORE OSBORN, US

[72] PARSONS, KENNETH JAMES, US

[72] GEIER, JAMES MICHAEL, US

[72] SCHALK, THOMAS, US

[71] SIRIUS XM RADIO INC., US

[85] 2018-06-29

[86] 2016-12-28 (PCT/US2016/068946)

[87] (WO2017/117254)

[30] US (62/273,419) 2015-12-30

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[51] **Int.Cl. A61K 38/00 (2006.01) A61K 38/04 (2006.01) A61K 38/06 (2006.01) A61K 38/07 (2006.01) A61K 38/12 (2006.01)**

[25] EN

[54] **THERAPEUTIC COMPOSITIONS INCLUDING PEPTIDES AND USES THEREOF**

[54] **COMPOSITIONS THERAPEUTIQUES CONTENANT DES PEPTIDES ET LEURS UTILISATIONS**

[72] DUNCAN, SCOTT, US

[71] DUNCAN, SCOTT, US

[85] 2018-06-29

[86] 2016-12-29 (PCT/US2016/069185)

[87] (WO2017/117381)

[30] US (62/273,862) 2015-12-31

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[13] A1

[51] **Int.Cl. B67D 3/04 (2006.01) F16K 1/18 (2006.01) F16K 35/02 (2006.01)**

[25] EN

[54] **DISCHARGE TAP FOR LIQUID CONTAINERS**

[54] **ELEMENT DE ROBINETTERIE DE SOUTIRAGE POUR CONTENANT A LIQUIDE**

[72] PAUL, ULRICH, DE

[71] PROTECHINA S.A., CH

[85] 2018-07-03

[86] 2016-12-06 (PCT/EP2016/079910)

[87] (WO2017/121543)

[30] DE (10 2016 200 206.6) 2016-01-11

[21] **3,010,323**
[13] A1

[51] **Int.Cl. C07H 15/203 (2006.01) A61K 31/7034 (2006.01)**

[25] EN

[54] **C-GLYCOSIDE DERIVATIVES HAVING FUSED PHENYL RING OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF, METHOD FOR PREPARING THE SAME AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**

[54] **DERIVE DE C-GLYCOSIDE CONTENANT UN CYCLE PHENYLE CONDENSE OU SON SEL PHARMACEUTIQUEMENT ACCEPTABLE, SON PROCEDE DE PREPARATION ET COMPOSITION PHARMACEUTIQUE LE COMPRENANT**

[72] NAM, JOON WOO, KR

[72] KIM, JONG YUP, KR

[72] KIM, JYUNG HOON, KR

[72] LEE, JUNG MEE, KR

[72] KIM, JI YOON, KR

[72] PARK, JI SEON, KR

[72] KIM, JOSEPH, KR

[72] PARK, YOON SUN, KR

[72] KIM, JEONG MIN, KR

[71] JE IL PHARMACEUTICALS CO., LTD., KR

[85] 2018-06-28

[86] 2017-01-03 (PCT/KR2017/000065)

[87] (WO2017/119700)

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[25] EN
[54] **SYSTEMS AND METHODS FOR HEART VALVE THERAPY**
[54] **SYSTEMES ET METHODES POUR THERAPIE DE VALVULE CARDIAQUE**
[72] SCHWEICH, CYRIL J., JR., US
[72] GANESAN, KAVITHA, US
[72] IYER, RAMJI, US
[72] MARTZ, ERIK O., US
[72] SCHNEIDER, LUCAS T., US
[72] MORTIER, TODD J., US
[71] CAISSON INTERVENTIONAL, LLC, US
[85] 2018-06-29
[86] 2016-12-29 (PCT/US2016/069201)
[87] (WO2017/117388)
[30] US (62/272,865) 2015-12-30

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[13] A1
[51] **Int.Cl. C09K 3/14 (2006.01) C01F 7/02 (2006.01) C01F 7/16 (2006.01)**
[25] EN
[54] **ABRASIVE PARTICLES AND METHODS OF FORMING SAME**
[54] **PARTICULES ABRASIVES ET PROCEDE DE FORMATION ASSOCIE**
[72] BAUER, RALPH, CA
[72] CZEREPINSKI, JENNIFER H., US
[72] MOCH, ERIC, US
[72] NAHAS, NABIL, US
[72] VUJICIC, STEFAN, US
[71] SAINT-GOBAIN CERAMICS & PLASTICS, INC., US
[85] 2018-06-28
[86] 2016-06-29 (PCT/US2016/040035)
[87] (WO2017/116498)
[30] US (62/273,117) 2015-12-30

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/44 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SULFONAMIDE DERIVATIVE AND PREPARATION METHOD AND USE THEREOF**
[54] **DERIVE DU SULFONAMIDE, SON PROCEDE DE PREPARATION ET SON PROCEDE D'UTILISATION**
[72] LI, JIN, CN
[72] LI, XUEMING, CN
[72] DOU, DENG FENG, CN
[72] WAN, JINQIAO, CN
[72] ZHANG, WEI, CN
[72] LI, JINGMING, CN
[72] LAN, YAN, CN
[72] LI, LINLI, CN
[71] HFTGEN LTD., CN
[85] 2018-06-29
[86] 2016-12-29 (PCT/CN2016/112896)
[87] (WO2017/114448)
[30] CN (201511029249.6) 2015-12-31

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[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/437 (2006.01) A61P 31/16 (2006.01) C07D 403/04 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 495/04 (2006.01)**
[25] EN
[54] **ARYL SUBSTITUTED PYRIMIDINES FOR USE IN INFLUENZA VIRUS INFECTION**
[54] **PYRIMIDINES A SUBSTITUTION ARYLE A UTILISER DANS UNE INFECTION PAR LE VIRUS DE LA GRIPPE**
[72] JONCKERS, TIM HUGO MARIA, BE
[72] MC GOWAN, DAVID CRAIG, BE
[72] GUILLEMONT, JEROME EMILE GEORGES, FR
[72] EMBRECHTS, WERNER CONSTANT J, BE
[72] MERCEY, GUILLAUME JEAN MAURICE, FR
[72] BUYCK, CHRISTOPHE FRANCIS ROBERT NESTOR, BE
[72] BALEMANS, WENDY MIA ALBERT, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[71] JANSSEN SCIENCES IRELAND UC, IE
[85] 2018-07-03
[86] 2017-01-19 (PCT/EP2017/051105)
[87] (WO2017/125506)
[30] EP (16152095.2) 2016-01-20

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[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) H04W 4/00 (2018.01) H04M 1/60 (2006.01)**
[25] EN
[54] **CONNECTION MANAGEMENT OF SMART DEVICES WITH AUTOMOBILE HEAD UNIT**
[54] **GESTION DE CONNEXION DE DISPOSITIFS INTELLIGENTS A UNITE DE TETE AUTOMOBILE**
[72] YAMAMOTO, SHIN, JP
[71] XEVO INC., US
[85] 2018-06-28
[86] 2016-12-14 (PCT/US2016/066703)
[87] (WO2017/120004)
[30] US (14/988,348) 2016-01-05

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/22 (2006.01) C07K 16/24 (2006.01)**
[25] EN
[54] **BUFFERED FORMULATIONS OF BEVACIZUMAB**
[54] **FORMULATIONS TAMPONNEES DE BEVACIZUMAB**
[72] TADDEI, MARIA, US
[72] CHEUNG, JESSICA, US
[72] GUTKA, HITEN, US
[71] ONCOBIOLOGICS, INC., US
[85] 2018-06-28
[86] 2016-12-28 (PCT/US2016/068847)
[87] (WO2017/117202)
[30] US (62/272,116) 2015-12-29

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[13] A1
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[25] EN
[54] **FILTER CLEANING**
[54] **NETTOYAGE DE FILTRE**
[72] LUDIK, LASZLO, BE
[71] TISTECH SPRL., BE
[85] 2018-07-03
[86] 2017-02-14 (PCT/EP2017/053201)
[87] (WO2017/144301)
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[25] EN

[54] **UV-ABSORBING VINYLIC MONOMERS AND USES THEREOF**

[54] **MONOMERES VINyliQUES ABSORBANT LES UV ET LEURS UTILISATIONS**

[72] CHANG, FRANK, US
[72] DESOUSA, RYAN, US
[72] HOLLAND, TROY VERNON, US
[72] PRUITT, JOHN DALLAS, US
[72] NELSON, JARED, US
[71] NOVARTIS AG, CH
[85] 2018-07-03
[86] 2017-02-16 (PCT/IB2017/050875)
[87] (WO2017/145024)
[30] US (62/298,137) 2016-02-22

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[51] **Int.Cl. B05C 5/00 (2006.01) F04B 9/00 (2006.01)**

[25] EN

[54] **LIQUID MATERIAL EJECTION DEVICE**

[54] **DISPOSITIF DE DECHARGE DE MATERIAU LIQUIDE**

[72] IKUSHIMA, KAZUMASA, JP
[71] MUSASHI ENGINEERING, INC., JP
[85] 2018-06-29
[86] 2017-01-11 (PCT/JP2017/000639)
[87] (WO2017/122683)
[30] JP (2016-006701) 2016-01-16

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[13] A1

[51] **Int.Cl. H01Q 5/307 (2015.01) H01Q 5/20 (2015.01) E03B 9/02 (2006.01) E03B 9/06 (2006.01) F17D 5/06 (2006.01) H01Q 1/38 (2006.01) H01Q 21/30 (2006.01) H05K 1/16 (2006.01)**

[25] EN

[54] **NOZZLE CAP MULTI-BAND ANTENNA ASSEMBLY**

[54] **ENSEMBLE ANTENNE MULTIBANDE POUR CAPUCHON DE BUSE**

[72] ORTIZ, JORGE ISAAC, US
[72] DUNN, DAVID JAMES CARLOS, CA
[72] LI, YANLONG, US
[72] FAUNCE, JESSE ALVIN, US
[71] MUELLER INTERNATIONAL, LLC, US
[85] 2018-06-29
[86] 2016-12-20 (PCT/US2016/067689)
[87] (WO2017/139029)
[30] US (15/043,057) 2016-02-12

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[13] A1

[51] **Int.Cl. F16K 3/02 (2006.01) F16K 3/22 (2006.01) F16K 3/30 (2006.01)**

[25] EN

[54] **GATE VALVE WITH FULL-BORE PROTECTIVE SLEEVE**

[54] **ROBINET-VANNE DOTE D'UN MANCHON PROTECTEUR A PASSAGE INTEGRAL**

[72] ROBERTS, TODD, US
[71] VALVEWORKS USA, INC., US
[85] 2018-07-03
[86] 2017-01-03 (PCT/US2017/012027)
[87] (WO2017/120135)
[30] US (62/274,421) 2016-01-04

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[13] A1

[51] **Int.Cl. G06F 19/00 (2018.01) G16H 20/10 (2018.01) A61B 17/00 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR CONTROLLING THE DELIVERY OF ACTIVE AGENTS**

[54] **PROCEDE ET SYSTEME DE COMMANDE D'ADMINISTRATION DE PRINCIPES ACTIFS**

[72] DAVIDSON, PERRY, IL
[72] SCHWARTZ, BINYAMIN, IL
[72] SCHORR, AARON, IL
[72] HOFFMANN, YOTAM, IL
[71] SYQE MEDICAL LTD., IL
[85] 2018-07-03
[86] 2017-01-11 (PCT/IL2017/050035)
[87] (WO2017/122201)
[30] US (62/277,325) 2016-01-11

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[13] A1

[51] **Int.Cl. H04W 12/08 (2009.01) H04W 12/04 (2009.01) H04W 12/06 (2009.01) H04L 9/30 (2006.01) H04L 9/32 (2006.01)**

[25] EN

[54] **SECURE INFORMATION TRANSMITTING SYSTEM AND METHOD FOR PERSONAL IDENTITY AUTHENTICATION**

[54] **SYSTEME ET PROCEDE DE TRANSMISSION D'INFORMATIONS SECURISEES POUR UNE AUTHENTIFICATION D'IDENTITE PERSONNELLE**

[72] UHR, JOON SUN, KR
[72] HONG, JAY WU, KR
[72] SONG, JOO HAN, KR
[71] COINPLUG, INC., KR
[85] 2018-07-03
[86] 2016-07-11 (PCT/KR2016/007468)
[87] (WO2017/119564)
[30] KR (10-2016-0000729) 2016-01-05

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[21] **3,010,337**
[13] A1
[51] Int.Cl. H04L 12/58 (2006.01)
[25] EN
[54] **METHOD AND SYSTEM FOR DYNAMIC GROUP CREATION IN A COLLABORATION FRAMEWORK**
[54] **PROCEDE ET SYSTEME DE CREATION DE GROUPE DYNAMIQUE DANS UNE STRUCTURE DE COLLABORATION**
[72] DE LA FUENTE, ALFONSO FABIAN, CA
[72] MABEY, MICHAEL HOWATT, CA
[72] SAMANANI, NASHIRALI, CA
[72] HOREMANS, KENNETH JAMES, CA
[71] QUIRKLOGIC, INC., CA
[85] 2018-07-03
[86] 2016-12-23 (PCT/CA2016/051541)
[87] (WO2017/117660)
[30] US (62/275,052) 2016-01-05
[30] US (15/174,641) 2016-06-06

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[13] A1
[51] Int.Cl. A61K 31/702 (2006.01) A23L 33/10 (2016.01) A61K 8/60 (2006.01) C07H 3/04 (2006.01) C07H 13/02 (2006.01)
[25] EN
[54] **COMPOSITION FOR INCREASING EXPRESSION OF PGC-1A**
[54] **COMPOSITION POUR AUGMENTER L'EXPRESSION DE PGC-1?**
[72] KANG, SEUNG WOO, KR
[71] BENEBIOSIS CO., LTD., KR
[85] 2018-07-03
[86] 2017-01-13 (PCT/KR2017/000505)
[87] (WO2017/123066)
[30] KR (10-2016-0004383) 2016-01-13

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[13] A1
[51] Int.Cl. G01B 3/30 (2006.01) B23K 37/053 (2006.01) F16L 1/06 (2006.01)
[25] EN
[54] **PIPE SPACING WEDGE SYSTEMS**
[54] **SYSTEMES DE CALE D'ECARTEMENT DE TUYAU**
[72] BYRT, JAMIESON MICHAEL, CA
[71] 1935111 ALBERTA LTD., CA
[85] 2018-07-03
[86] 2017-01-09 (PCT/CA2017/050021)
[87] (WO2017/120665)
[30] US (14/996,224) 2016-01-15

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[13] A1
[51] Int.Cl. G01M 3/04 (2006.01) H04H 60/88 (2009.01) G01M 3/26 (2006.01) G01P 21/00 (2006.01) G05D 7/06 (2006.01) G08B 21/00 (2006.01) H04B 7/24 (2006.01)
[25] EN
[54] **WATER SENSOR**
[54] **CAPTEUR D'EAU**
[72] SALE, MICHAEL C., US
[72] SAWASKI, JOEL D., US
[72] TETREAULT, MICHAEL, US
[72] TRACY, HILLARY C., US
[72] FERGUSON, ERIC L., US
[72] DAIGLE, MICHAEL A., US
[72] WEAVER, CASEY S., US
[72] SCARCELLA, JEFFREY A., US
[71] DELTA FAUCET COMPANY, US
[71] IDEVICES, LLC, US
[85] 2018-07-03
[86] 2016-12-30 (PCT/IB2016/001954)
[87] (WO2017/115145)
[30] US (62/273,736) 2015-12-31

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[13] A1
[51] Int.Cl. H01R 13/652 (2006.01) H01R 13/6582 (2011.01) H01R 13/639 (2006.01) H01R 13/717 (2006.01)
[25] EN
[54] **ELECTRICAL CONNECTOR PLUG CONTINUITY**
[54] **CONTINUE DE FICHE DE CONNECTEUR ELECTRIQUE**
[72] FREER, BENJAMIN AVERY, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-07-03
[86] 2017-01-04 (PCT/US2017/012131)
[87] (WO2017/120191)
[30] US (62/275,033) 2016-01-05

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[54] **UNIVERSAL ACCESS TO AN ELECTRONIC WALLET**
[54] **ACCES UNIVERSEL A UN PORTEFEUILLE ELECTRONIQUE**
[72] KUSNANTO, SIDHARTA SURYA, US
[72] SHAHANE, SANTOSH, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2018-07-03
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[87] (WO2017/120228)
[30] US (14/988,585) 2016-01-05

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[54] **NESTING COOKING VESSELS**
[54] **RECIPIENTS DE CUISSON EMPILABLES**
[72] LEPINSKE, JASON, US
[72] LUNDGREEN, KENNETH C., US
[72] WANG, HSUAN-TSUN, US
[71] WKI HOLDING COMPANY, INC., US
[85] 2018-07-03
[86] 2017-01-05 (PCT/US2017/012390)
[87] (WO2017/120377)
[30] US (14/991,470) 2016-01-08

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[51] Int.Cl. A47J 31/40 (2006.01) B65D 51/28 (2006.01) B65D 81/32 (2006.01) B65D 85/72 (2006.01) B65D 85/80 (2006.01) B65D 85/804 (2006.01)
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[54] **POST-MIX BEVERAGE SYSTEM**
[54] **SYSTEME DE BOISSON A POST-MELANGE**
[72] JAMES, NIKIA, US
[72] RO, ANDREW JUNE, US
[72] TELESCA, BRUNO, US
[72] LINDBERG, BRENT WILLIAM, US
[72] WALSH, JENNA, US
[71] PEPSICO, INC., US
[85] 2018-07-03
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[54] **NOZZLE CAP MULTI-BAND ANTENNA ASSEMBLY**

[54] **ENSEMBLE D'ANTENNE MULTIBANDE DE BOUCHON DE PRISE**

[72] GIBSON, DARYL LEE, US

[72] ORTIZ, JORGE ISAAC, US

[72] DUNN, DAVID JAMES CARLOS, CA

[72] LI, YANLONG, US

[72] FAUNCE, JESSE ALVIN, US

[71] MUELLER INTERNATIONAL, LLC, US

[85] 2018-06-29

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[54] **SYSTEM AND METHOD FOR ASSESSING SLEEP STATE**

[54] **SYSTEME ET PROCEDE D'EVALUATION DE L'ETAT DU SOMMEIL**

[72] HORNE, MALCOLM KENNETH, AU

[71] GLOBAL KINETICS CORPORATION PTY LTD, AU

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[54] **MIXING HEAD**

[54] **TETE MELANGEUSE**

[72] GREENE, KIM, CA

[71] 1887168 ALBERTA LTD., CA

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[54] **DISINFECTION CAP FOR IV NEEDLELESS CONNECTORS**

[54] **BOUCHON DE DESINFECTION POUR RACCORDS SANS AIGUILLE INTRAVEINEUX**

[72] RYAN, KEVIN M., US

[72] CHARLES, NICHOLA, US

[71] BECTON, DICKINSON AND COMPANY, US

[85] 2018-07-03

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[54] **NEURAL IMPLANT FOR MICROSTIMULATION**

[54] **IMPLANT NEURONAL POUR MICROSTIMULATION**

[72] BERNSTEIN, JONATHAN, US

[72] FREEMAN, DANIEL, US

[72] IRION, REED, US

[72] INGERSOLL, BRETT, US

[72] DUWEL, AMY, US

[72] CZARNECKI, ANDREW, US

[72] DANIELS, BRIAN, US

[72] ACHYUTA, ANILKUMAR HARAPANAHALLI, US

[72] MCLAUGHLIN, BRYAN, US

[71] THE CHARLES STARK DRAPER LABORATORY, INC., US

[85] 2018-07-03

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[54] **INTERCHANGEABLE BUTTON SYSTEM TECHNOLOGY**

[54] **TECHNOLOGIE ASSOCIEE A UN SYSTEME DE BOUTON INTERCHANGEABLE**

[72] MARIN, ANIBAL., US

[71] MARIN, ANIBAL., US

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[71] TRISTEL PLC, GB

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[54] CONVERTED INTERMODAL CONTAINER HAVING A FLEXIBLE LINER FOR USE AS A WATER PROCESSING TANK

[54] CONTENEUR INTERMODAL CONVERTI COMPORTANT UNE DOUBLURE SOUPLE DESTINEE A UN RESERVOIR DE TRAITEMENT D'EAU

[72] DOWNEY, JASON, CA

[72] KEMPSON, JEFFREY, CA

[71] NEWTERRA LTD., CA

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[54] METHOD AND SYSTEM OF RECOVERING ENERGY FROM A FLOW OF OIL SANDS SLURRY

[54] PROCEDE ET SYSTEME POUR RECUPERER DE L'ENERGIE D'UN ECOULEMENT DE BOUE DE SABLES BITUMINEUX

[72] ODEGARD, MARK L., CA

[71] SUNCOR ENERGY INC., CA

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[54] SYSTEME D'ECHANGE DE CHALEUR AYANT DE MULTIPLES CHAMBRES DE LIQUIDE FRIGORIGENE POUR DE MULTIPLES MODALITES D'ECHANGE DE CHALEUR POUR REGULER LA TEMPERATURE DE PATIENT

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[54] METHOD AND APPARATUS FOR PROCESSING ELASTOMER COMPOSITE

[54] PROCEDE ET APPAREIL DE TRAITEMENT DE COMPOSITE ELASTOMERE

[72] GROSZ, RON, US

[72] GOOCH, LAWRENCE R., US

[71] CABOT CORPORATION, US

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[54] SOLUTION VERROU ANTIMICROBIENNE A BASE D'ACIDE CHLORHYDRIQUE POUR CATHETER ET METHODE D'UTILISATION ASSOCIEE

[72] GUPTA, NISHA, US

[72] STEINKE, ELAINE, US

[72] ROSENBLATT, JOEL, US

[71] TELEFLEX MEDICAL INCORPORATED, US

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[54] APPAREIL DE RECUPERATION D'HYDROCARBURES SUBMERGE
[72] VARNEY, BRIAN WILSON, CA
[72] KUELKER, THOMAS JOSEPH, CA
[71] OXUS RECOVERY SOLUTIONS INC., CA
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[54] METHODES ET INTERMEDIAIRES DESTINES A LA PREPARATION D'AGENTS PHARMACEUTIQUES UTILES POUR MODIFIER LA PHARMACOCINETIQUE DE MEDICAMENTS COADMINISTRES
[72] POLNIASZEK, RICHARD, US
[72] PFEIFFER, STEVEN, US
[72] YU, RICHARD, US
[72] CULLEN, AARON, US
[72] DOWDY, ERIC, US
[72] TRAN, DUONG, CA
[72] KENT, KENNETH, US
[72] ZHOU, ZHONGXIN, CA
[72] CORDEAU, DOUG, US
[72] EASTON, LEAH, US
[71] GILEAD SCIENCES, INC., US
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[54] MECANISME DE SONDE DE BIOPSIE POSSEDANT DES CARACTERISTIQUES ECHOGENES MULTIPLES
[72] CHUDZIK, RAFAL, US
[72] SEIGER, JASON G., US
[72] SMITH, JENNIFER, US
[72] SIMPSON, CHARLES, US
[71] C.R. BARD, INC., US
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[54] TRANSPOSITION HARMONIQUE AMELIOREE DE PRODUIT D'INTERMODULATION
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[72] HEDDELIN, PER, SE
[71] DOLBY INTERNATIONAL AB, NL
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[54] METHODES ET APPAREIL POUR LA DETECTION DE LA SENSIBILITE AU GLUTEN, ET SA DIFFERENCIATION DE LA MALADIE CELIAQUE
[72] VOJDANI, ARISTO, US
[71] CYREX LABORATORIES, LLC, US
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[54] PROTHESES VASCULAIRES UTILISEES POUR LE TRAITEMENT DES ANEURISMES
[72] SHALEV, ALON, IL
[72] BENARY, RAPHAEL, IL
[71] ENDOSPAN LTD., IL
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[54] **AUTOMATED SAMPLE HANDLING INSTRUMENTATION, SYSTEMS, PROCESSES, AND METHODS**
[54] **INSTRUMENTATION DE MANIEMENT AUTOMATISE D'ECHANTILLONS, SYSTEMES, PROCESSUS ET PROCEDES ASSOCIES**

[72] OPALSKY, DAVID, US
[72] SILBERT, ROLF, US
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[54] **APPAREIL ET PROCEDES DE PURGE DE SYSTEMES DE CATHETER**

[72] HOWLETT, MICHAEL W., US
[72] MERCER, JAMES V., US
[72] PAOLUCCI, AMELIO, US
[71] BECTON, DICKINSON AND COMPANY, US
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[72] CHAN, KOK YONG, MY
[72] CHUA, HONG DA, MY
[72] TAN, YING HOOL, MY
[72] GARRA, LANTING L., US
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **SYSTEMS AND METHODS FOR IMAGING USING ABSORPTION**
[54] **SYSTEMES ET PROCEDES D'IMAGERIE UTILISANT L'ABSORPTION**

[72] HART, DOUGLAS P., US
[72] FRIGERIO, FEDERICO, US
[72] MARINI, DAVIDE M., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[22] 2009-07-24
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[25] EN
[54] **SRM ASSAY TO INDICATE CANCER THERAPY**
[54] **DOSAGE SRM AFIN D'INDIQUER UNE THERAPIE CONTRE LE CANCER**

[72] KRIZMAN, DAVID B., US
[72] HEMBROUGH, TODD, US
[72] THIYPARAMBIL, SHEENO, US
[72] LIAO, WEI-LI, US
[71] EXPRESSION PATHOLOGY, INC., US
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MANAGEMENT LTD.	2,723,851	AMAZON TECHNOLOGIES,		BACHMAN, MARVIN	2,936,363
3SAE TECHNOLOGIES, INC.	2,786,344	INC.	2,800,082	BACKSTROM, TOM	2,914,771
9236-3135 QC INC.	2,982,731	AMAZON TECHNOLOGIES,		BACZEK, FRANK ANDREW	2,821,398
AB ENZYMES GMBH	2,724,200	INC.	2,831,607	BAKER HUGHES	
ABB SCHWEIZ AG	2,787,709	AMIOT, LOUIS-PHILIPPE	2,790,607	INCORPORATED	2,923,898
ABBOTT LABORATORIES	2,753,541	AMIREHTESHAMI, DAVID		BAKER HUGHES	
ABBOTT LABORATORIES	2,781,371	HASSAN	2,804,260	INCORPORATED	2,871,594
ABBVIE DEUTSCHLAND		ANDERSEN, ROBERT L.	2,794,029	BAKER HUGHES	
GMBH & CO KG	2,780,069	ANDERSSON, ERIK ROGER	2,862,082	INCORPORATED	2,920,352
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ABIVEN, JEAN-GUILAUME	2,808,661	ANDRES, PHILIPP	2,741,129	INCORPORATED	2,933,641
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ABRAHAMSON, JOHN	2,785,030	ANDROUTSOS, DIMITRIOS	2,745,380	BALASUBRAMANIAN,	
ABRY, RAYMOND G.F.	2,809,598	ANDRUS, SHAWN	2,757,839	SUNDAR	2,890,943
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SERVICES LIMITED	2,756,198	ANNEXIN		BALDEMAIR, ROBERT	2,909,666
ACCENTURE GLOBAL		PHARMACEUTICALS AB	2,708,956	BALTRAMIEJUNAS, MARIUS	2,862,082
SERVICES LIMITED	2,807,007	ANTLOGA, KATHLEEN M.	2,964,442	BALTRAMIEJUNAS, MARIUS	2,862,083
ACCENTURE GLOBAL		ANWER, MOHAMMED		BANNISTER, ROBIN MARK	2,780,704
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ACHEN, COURTNEY N.	2,936,363	APPS, WILLIAM P.	2,757,728	MICHAEL	2,756,198
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ADAMS, BRIAN T.	2,825,784	ARCACTIVE LIMITED	2,785,030	BARTO, MATTHEW VAN	2,806,841
ADAMS, JOHN E.	2,814,621	ARENT, LEE MATHEW	2,927,209	BASF, GERO	2,934,367
ADAMS, JOHN E.	2,814,654	ARGOS THERAPEUTICS, INC.	2,876,618	BASF SE	2,723,310
ADAMS, MARK	2,757,839	ARIHARA, KAZUKI	2,902,397	BASF SE	2,763,508
ADAMSON, DOUGLAS H.	2,836,586	ARIZTI, BLANCA	2,838,032	BASF SE	2,781,785
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ADVANSOR A/S	2,839,087	ARMACELL ENTERPRISE		BATTELLE MEMORIAL	
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TECHNOLOGIES IP, LLC	2,931,969	ASAY, DAVID B.	2,901,679	BAVOUZET, JEAN-MICHEL	2,783,949
AIR MOTION SYSTEMS, INC.	2,771,764	ASSAL, ANTHONY	2,988,249	BAXALTA GMBH	2,710,518
AIRBUS HELICOPTERS	2,963,655	ASSOUS, SAID	2,808,776	BAXALTA INCORPORATED	2,710,518
AIRBUS OPERATIONS GMBH	2,751,856	ASTEGNO, JEAN-PAUL	2,799,418	BAYER CROPSCIENCE AG	2,796,125
AKAMA, TOSHIKAZU	2,897,910	ASTELLAS PHARMA INC.	2,793,856	BAYER INTELLECTUAL	
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ALERE SWITZERLAND GMBH	2,849,193	ASTRAZENECA AB	2,806,190	BAYER MATERIALSCIENCE	
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BLACKBERRY LIMITED	2,769,486	BROOKINGS, DANIEL CHRISTOPHER	2,808,959	CASCAO-PEREIRA, LUIS GUSTAVO	2,690,023
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JANSSEN, KEVIN	2,932,352	KATO, TOSHIHIKO	2,863,936	KREMERS, STEPHAN	2,925,022
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THE PROCTER & GAMBLE COMPANY	2,927,209	UNDERWOOD, LANCE D.	2,794,501	VIV HEALTHCARE COMPANY	2,967,453
THE RELIABLE AUTOMATIC SPRINKLER CO., INC.	2,875,122	UNDERWOOD, MARK RICHARD	2,787,691	VILJANEN, TEJO	2,806,994
THE UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.	2,794,430	UNDERWOOD, MARK RICHARD	2,967,453	VILLANUEVA, RAFAEL	2,739,189
THEETEN, ADRIEN	2,719,603	UNILEVER PLC	2,812,985	VINCENT, THOMAS BERNARD PASCAL	2,827,742
THEISS, WILFRIED	2,724,200	UNISON INDUSTRIES, LLC	2,924,679	VINDSPOLL, HARALD	2,803,985
THERAPHARM GMBH	2,657,452	UNITED PARCEL SERVICE OF AMERICA, INC.	2,841,319	VISA INTERNATIONAL SERVICE ASSOCIATION	2,703,492
THESING, ROBIN	2,794,029	UNIVERSITE D'ALIX- MARSEILLE	2,796,174	VITUX GROUP AS	2,890,567
THOMA, MICHAEL	2,953,523	UNIVERSITE DE ROUEN	2,795,866	VLEGHE, PATRICK	2,796,174
THOMPSON, DENNIS G.	2,858,492	UNIVERSITY OF MIYAZAKI	2,974,062	VOGLEWEDE, DANIEL BRENDAN	2,934,195
THOMSON LICENSING	2,810,818	UNIVERSITY OF UTAH RESEARCH FOUNDATION	2,757,839	VOIGT, MATTHIAS	2,989,349
THORARENSEN, ATLI	2,932,425	UNWALLA, RAYOMAND JAL	2,932,425	VOLVO CONSTRUCTION EQUIPMENT AB	2,917,987
TIETIEN, ADAM L.	2,788,477	UPSHALL, MALCOLM	2,949,462	VON KIESERITZKY, FREDRIK	2,809,003
TIGENIX N.V.	2,670,419	USABCD A/S	2,802,140	VRZALIK, JOHN	2,810,225
TM4 INC.	2,979,734	USENER, DIRK	2,820,201	VYAVAHARE, VINOD	2,777,812
TNG ENTERPRISES LLC	2,795,361	VAL-CHUM, LIMITED PARTNERSHIP	2,704,971	WABASH NATIONAL, L.P.	2,766,863
TOKSVIG, MICHAEL JOHN MCKENZIE	2,882,813	VALENCIA, JAIME A.	2,936,715	WABASH NATIONAL, L.P.	2,953,523
TOMORI, AKIHITO	2,996,398	VALIN, MYRIAM	2,790,607	WABTEC HOLDING CORP.	2,869,711
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TORAY INDUSTRIES, INC.	2,735,637	VALLEBRANT, PER-OLA	2,918,152	WABTEC HOLDING CORP.	2,893,352
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TORNINCASA, STEFANO	2,845,705	VAN DER NOORDT, MARCEL	2,806,012	WACKER CHEMIE AG	2,918,118
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TOYOTA JIDOSHA KABUSHIKI KAISHA	2,911,604	VAN HEUSDEN, ADRIAAN WILLEM	2,650,465	WALL, MATTHEW T.	2,893,352
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TRATCH, JAIME NOLIN	2,932,673	VAN ZUYLEN, JEFFREY	2,717,627	WALTER, HELMUT	2,723,310
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WILSON, RUSSELL	2,741,982	YELIN, RODRIGO	2,626,592		
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WONGSAKUL, SIRIRUNG	2,889,013	ZENGEL, JOHN	2,869,012		
WOOD, TERRY E.	2,858,847	ZENSER, NATHAN	2,795,643		
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		ZHANG, FAN	2,795,643		
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2236008 ONTARIO INC.	2,990,213	FRIC, THOMAS FRANK	2,990,780	CHARLES	2,990,204
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WALLEN, THOMAS A.	2,953,748		
WARD, JOSEPH D.	2,990,913		
WHITE, RUSSELL	2,982,793		
WILEY, DANIEL D.	2,953,630		
WILLIAMS, THOMAS	2,989,548		

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10353744 CANADA LTD.	3,009,723	MARIO	3,010,153	BAILEY, TIMOTHY J.	3,010,306
1887168 ALBERTA LTD.	3,010,347	ALVES DE MELO, LEONARDO	3,009,997	BAKER HUGHES, A GE	
1935111 ALBERTA LTD.	3,010,339	ALVING, KIM	3,010,074	COMPANY, LLC	3,010,210
3M INNOVATIVE PROPERTIES		AMASTAN TECHNOLOGIES		BAKER, JAMES C	3,009,588
COMPANY	3,010,050	LLC	3,009,630	BALBAS, MINNA DELARAE	3,009,522
9354-7453 QUEBEC INC.	2,985,587	AMAZON TECHNOLOGIES,		BALBAS, MINNA DELARAE	3,009,525
AABYE, CHRISTIAN	3,009,828	INC.	3,010,186	BALEMANS, WENDY MIA	
ABASHIN, MAXIM	3,009,651	AMCOR GROUP GMBH	3,000,717	ALBERT	3,010,327
ABBOTT, EASON MICHAEL	3,009,844	AMELUNXEN, PETER A.	3,009,804	BALL, ANDREW T.	3,010,085
ABDEL-MAGUID, HAZEM	3,009,851	AMER, ABDELRAHMAN	3,009,851	BALL, MARK ANTHONY	3,009,822
ABE, MOTOHARU	3,010,049	AMERICAN CHEMET		BALLINGER, MARK WILLIAM	3,009,941
ABE, SHINNOSUKE	3,009,750	CORPORATION	3,009,652	BALLY, ALEXANDER	3,010,202
ABE, SHINNOSUKE	3,009,876	AMGEN INC.	3,009,650	BALSLEY, ERIC	3,009,688
ABEGGLEN, DANIEL	3,009,755	AMICUS THERAPEUTICS,		BANNER, NATHANIEL	3,006,958
ABROFF, AARON	3,009,638	INC.	3,010,205	BANSAL, PARVEEN	3,009,659
ABUGHAZALEH, SHADI		AMMON, DAN	3,009,810	BAPTISTA, JONATHAN	3,009,720
ALEX	3,009,886	AMPHASTAR		BAPTISTA, JONATHAN	3,009,897
ACCURSI, GIOVANNI	3,009,961	PHARMACEUTICALS,		BAPTISTA, JONATHAN	3,010,299
ACHYUTA, ANILKUMAR		INC.	3,010,211	BAR-OR, AMIR	3,009,641
HARAPANAHALLI	3,010,349	ANDERSON, SCOTT T.	3,010,085	BARDA, YANIV	3,009,592
ADAMA AGAN LTD.	3,009,592	ANELLOTECH, INC.	3,009,991	BARDA, YANIV	3,009,927
ADAMA AGAN LTD.	3,009,927	ANGER, MARKUS	3,010,250	BARDWAJ, SANTOSH	3,009,817
ADAMS, DOUGLAS	3,010,240	ANGER, MARKUS	3,010,252	BARNER-KOWOLIK,	
ADAMS, KENNETH RAY	3,010,103	AOKI, TAKUMI	3,009,971	CHRISTOPHER	3,009,597
AFL GLOBAL	3,009,588	APPLEFORD, PETE	3,010,203	BARNES, JONATHAN	3,009,668
AFL TELECOMMUNICATIONS		APPY, JACQUES	3,009,688	BARON, SHMUEL A.	3,009,927
LLC	3,009,942	ARAKI, HITOSHI	3,010,069	BARRETT, BRIAN WILLIAM	3,010,186
AGIOS PHARMACEUTICALS,		ARAVAMUDHAN, BHARATHI	3,009,944	BARTER, ERIC A.	3,009,859
INC.	3,009,826	ARBUS BIOPHARMA		BARTSEVICH, VICTOR	3,009,637
AGRAWAL, NEERAJ	3,009,650	CORPORATION	3,009,996	BASF SE	3,009,585
AGRICULTURAL		ARCHER, MICHAEL SCOTT	3,009,532	BASF SE	3,010,154
TECHNOLOGY		ARCHROMA IP GMBH	3,010,234	BASHAN, ODED	3,010,164
RESEARCH INSTITUTE	3,009,903	ARIKAWA, SHINICHIROU	3,009,596	BASHAN, OHAD	3,010,164
AGUERA, KARINE	3,009,918	ARMER, DUSTIN P.	3,009,844	BATTENBURG, LAWRENCE	
AHEARN, KEVIN	3,009,648	ARNESSEN, JENS-PETTER	3,010,252	FABIAN	3,009,725
AHLGREN, JONNI	3,009,736	ARVEN ILAC SANAYI VE		BATES, AARON LEE	3,010,194
AHMED, MALLIK	3,009,803	TICARET A.S.	3,002,300	BATES, DARREN L.	3,009,650
AIMM THERAPEUTICS B.V.	3,010,223	ASCENDIS PHARMA A/S	3,009,735	BAUER, RALPH	3,010,325
AIRBUS DEFENCE AND		ASHMIN HOLDING LLC	3,009,671	BAVARIAN NORDIC A/S	3,009,928
SPACE LIMITED	3,009,710	ASSAF, YUVAL	3,010,167	BAXTER CORPORATION	
AKITA, TAKAHITO	3,010,257	ATCHLEY, MICHAEL D.	3,010,075	ENGLEWOOD	3,010,293
AL-MUNTASHERI, GHATHAN		ATKINS, JAMES EDWARD	3,009,888	BAXTER CORPORATION	
A.	3,010,314	ATZMONY, DANIELLA	3,009,599	ENGLEWOOD	3,010,304
ALASTALO, KAUNO	3,010,150	AUMILLER, JOSHUA NATHAN	3,010,293	BAXTER CORPORATION	
ALBANY ENGINEERED		AVECTAS LIMITED	3,009,715	ENGLEWOOD	3,010,305
COMPOSITES, INC.	3,009,634	AYTOMIC TECHNOLOGY,		BAXTER, MICHAEL F.	3,009,884
ALFA LAVAL CORPORATE		LLC	3,009,832	BAYER AS	3,010,190
AB	3,009,882	AZUMA, MITSUTOSHI	3,010,090	BAYER AS	3,010,191
ALFERNES, ANTON PERRY	3,010,158	AZZOPARDI, ANNA	3,009,587	BAYER AS	3,010,196
ALFONSI, FREDERIC	3,009,688	B-TEMIA INC.	3,009,720	BAYER AS	3,010,215
ALKAHER, SILOMO	3,009,930	B-TEMIA INC.	3,009,897	BAYLARD, ERIC	3,009,899
ALLEN, THOMAS	3,009,648	B-TEMIA INC.	3,010,299	BEALS, WILLIAM MICHAEL	3,009,889
ALMOG, SILOMO	3,009,599	BAE, SUNG MIN	3,009,627	BEAULIEU INTERNATIONAL	
ALUMEND, LLC	3,010,077	BAEK, JONG OUK	3,010,176	GROUP NV	3,009,714
		BAEK, JONG OUK	3,010,315		

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BECKETT, RAQUEL	3,009,663	BOJJA, NIKHIL	3,010,157	BUELL, SEZEN	3,010,131
BECKLUND, BRYAN	3,009,661	BOLIKAL, DURGADAS	3,009,632	BURAKOWSKA-MEISE, EWELINA	3,010,154
BECTON, DICKINSON AND COMPANY	3,010,348	BOLLING, STEVEN F	3,010,298	BURLING, JOHN MENZIES	3,009,647
BEDARD, STEPHANE	3,009,897	BONAC CORPORATION	3,009,769	BURPEE, JANET	3,009,943
BEGUIN, JEAN MARIE	3,010,284	BONILLA, NELSON	3,009,886	BURROW, DAN	3,009,616
BELCHER, RICHARD WILSON	3,009,946	BONTCHEV, RANKO	3,009,977	BUSSMAN, WESLEY RYAN	3,009,528
BELCHER, RICHARD WILSON	3,009,977	PANAYOTOV	3,010,150	BUTERNOWSKY, BARRY DANIEL	3,009,398
BELLENGER, THOMAS	3,009,659	BOREALIS AG	3,009,568	BUTNER, WAYNE	3,010,047
BELLINI, FRANCESCO	3,009,922	BOREL, CHRISTOPHE	3,006,958	BUYCK, CHRISTOPHE FRANCIS ROBERT NESTOR	3,010,327
BENDEL WERKZEUGE GMBH & CO. KG	3,010,187	BORICH, DAMON	3,009,593	BWXT MPOWER, INC.	3,009,654
BENEFOSIS CO., LTD.	3,010,338	BOSCHETTI-DE-FIERRO, ADRIANA	3,010,048	BYERS, JIM	3,009,879
BENNER, KEVIN	3,009,501	BOSTIK, INC.	3,010,221	BYFIELD, GEOFFREY	3,010,222
BERDAHL, PAUL H.	3,009,796	BOTBYL, JEFFREY	3,010,112	BYRT, JAMIESON MICHAEL	3,010,339
BERDAHL, PAUL H.	3,009,884	BOUNDARY TURBINES INC	3,009,834	C.R. BARD, INC.	3,009,638
BERENSON, JAMES RICHARD	3,010,019	BOURNE, GREGORY THOMAS	3,009,834	CAFFITALY SYSTEM S.P.A.	3,009,961
BERGERMANN, MARTIN	3,010,250	BOUTEILLER, BERNARD	3,010,162	CAI, DENGKE	3,009,501
BERGERMANN, MARTIN	3,010,252	BOUYER, CYRIL	3,009,568	CAILLIAU, MATTHILDE M.	3,010,289
BERGMAN, JEFFREY	3,009,974	BOVET, LUCIEN	3,010,142	CAIRNS, AMY J.	3,010,314
BERKSHIRE GREY INC.	3,009,648	BOWMAN, CHARLES L.	3,009,844	CAISSON INTERVENTIONAL, LLC	3,010,324
BERLIER, WILLY	3,009,918	BOYKO, VOLODYMYR	3,009,585	CALDWELL, CARESSA	3,010,031
BERNARDI, THIERRY	3,009,895	BOYLE, THOMAS	3,009,501	CALVIN, THEODORE OSBORN	3,010,320
BERNHARD, HANS U.	3,010,289	BRAHMS, DAVID	3,009,859	CAMPOMANES, PATRICK SIMON	3,010,051
BERNSTEIN, JONATHAN	3,010,349	BRANAGAN, DANIEL JAMES	3,010,085	CAN TECHNOLOGIES, INC.	3,010,284
BERTOLINI, PETER JOSEPH	3,010,103	BRAND, ELIZABETH	3,010,221	CANCAP PHARMACEUTICAL LTD.	3,009,608
BETAGERI, GURU V	3,009,809	BRANNON, AMI	3,010,057	CANKAR, THOMAS	3,010,250
BEUN, GILLIS	3,009,714	BRATZ, MATTHIAS	3,010,154	CANKAR, THOMAS	3,010,252
BEUN, GILLIS	3,009,847	BRAUN, JONATHAN	3,009,644	CAO, LAN	3,009,852
BHANDARI, ASHOK	3,009,834	BRESLICH, GRADY	3,010,005	CAO, MINJIE	3,010,014
BIHASKAR, UDAYA	3,010,301	BRIEND, PIERRE	3,009,566	CAO, XINYU	3,009,958
BIGFOOT BIOMEDICAL, INC.	3,009,831	BRIGHT STRUCTURES LIMITED	3,009,604	CARGILL, INCORPORATED	2,992,310
BIGFOOT BIOMEDICAL, INC.	3,009,840	BRIGHT, STEPHEN	3,009,604	CARLEY, JOSEPH CHRISTOPHER	3,010,016
BIOFILM CONTROL	3,009,895	BRIMHALL, DANIEL	3,009,652	CARLEY, JOSEPH CHRISTOPHER	3,010,022
BIONANOPLUS, S.L.	3,009,746	BRITISH AMERICAN TOBACCO	3,009,587	CARR, THOMAS D.	3,009,993
BIRCH, LOUISE	3,009,778	(INVESTMENTS) LIMITED	3,009,590	CARTLEDGE, DANIEL	3,010,057
BL TECHNOLOGIES, INC.	3,009,645	BRITISH AMERICAN TOBACCO	3,010,162	CARTLEDGE, RICHARD	3,010,057
BL TECHNOLOGIES, INC.	3,009,782	(INVESTMENTS) LIMITED	3,009,590	CASEY, BRIAN M.	3,010,106
BL TECHNOLOGIES, INC.	3,009,870	BROOKS, LAURA	3,009,594	CASEY, BRIAN M.	3,010,127
BLACKHAWK SPECIALTY TOOLS, LLC	3,009,658	BROTHER KOGYO KABUSHIKI KAISHA	3,009,606	CASTAGNA, ALICIA M.	3,009,791
BLADE REPAIR SOLUTIONS IVS	3,009,379	BROTHER KOGYO KABUSHIKI KAISHA	3,007,551	CASTANEDA, JAVIER E.	3,009,975
BLASCO BENITO, SANDRA	3,009,990	BROUSSEAU, DENIS	3,009,649	CASTORA, FRANK J.	3,010,219
BLUE DANUBE SYSTEMS, INC.	3,009,761	BROWN UNIVERSITY	3,009,578	CATANESE, JOSEPH J.	3,010,013
BLUE DANUBE SYSTEMS, INC.	3,009,842	BROWN, GARETH EDWARD GEORGE	3,009,580	CATERPILLAR INC.	3,010,051
BLUE RHINO GLOBAL SOURCING, INC.	3,009,849	BROWN, GARETH EDWARD GEORGE	3,009,584	CATERPILLAR TRIMBLE CONTROL TECHNOLOGIES LLC	3,009,635
BLUETRAM	3,009,899	BROWN, GARETH EDWARD GEORGE	3,009,589	CATRYSSE, PETER B.	3,010,209
BO, AILI	3,010,211	BRUHIN, CHRISTOPHER WILLIAM	3,010,029	CAZES, ABRAHAM	3,009,765
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	3,010,084	BRUNET, JEAN-PHILIPPE	3,009,568	CEEK ENTERPRISES	3,009,665
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	3,010,101	BRUSCELLA, VITO BENITO	3,009,941	CEEK ENTERPRISES	3,009,666
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CERTAINTIED CORPORATION	3,009,837	CIDRA CORPORATE SERVICES LLC	3,010,306	COUR PHARMACEUTICALS DEVELOPMENT COMPANY INC.	3,009,799
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CIETTI, JONATHAN ROBERT	3,009,670	CIL, ONUR	3,009,534	CRESCIMANNO, STEPHEN	3,009,320
CHIA, KYUNG-ON	3,009,617	CLARCOR INC.	3,009,993	CRINO, PETER	3,010,221
CHACK, DENNIS M.	3,009,832	CLARK, DUSTIN CARROLL	3,009,824	CROSSEN, REX WENTERS	3,010,137
CHAKRABARTI, AJAY	3,009,688	CLARK, KURTIS	3,010,085	CROTHALL, GEORGE	3,009,840
CHAN, KI	3,009,933	CLAVETTE, BRANDON C. P.	3,009,650	CRYSTAL PHARMATECH CO., LTD.	3,009,713
CHAN, MIN LI	3,010,272	CLYNNE, THOMAS	3,009,501	CRYSTAPHASE PRODUCTS, INC.	3,009,825
CHAN, YEAN W.	3,009,840	COHEN, BENJAMIN	3,009,648	CRYSTAPHASE PRODUCTS, INC.	3,009,845
CHANDOOR, MADHURI	3,009,659	COHEN, SIMON JASON	3,009,583	CUCONATI, ANDREA	3,009,996
CHANG, FRANK	3,010,331	COINPLUG, INC.	3,009,970	CUI, DONGHONG	3,009,904
CHANG, INSU	3,009,635	COINPLUG, INC.	3,010,118	CUI, YI	3,010,209
CHANG, YUN	3,009,821	COINPLUG, INC.	3,010,336	CURRY, SERENE Y.	3,009,320
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CHAORAN, HUANG	3,009,850	COLGATE-PALMOLIVE COMPANY	3,009,741	CYCLICA INC.	3,010,226
CHAPELET, JACQUES	3,009,780	COLGATE-PALMOLIVE COMPANY	3,009,760	CYTEC INDUSTRIES INC.	3,010,082
CHARLES, NICHOLA	3,010,348	COLGATE-PALMOLIVE COMPANY	3,009,765	CYTEC INDUSTRIES INC.	3,010,201
CHARLEY, PAUL	3,010,048	COLGATE-PALMOLIVE COMPANY	3,009,797	CZARNECKI, ANDREW	3,010,349
CHEIKH, MOODIE	3,009,694	COLGATE-PALMOLIVE COMPANY	3,009,800	CZEREPIŃSKI, JENNIFER H.	3,010,325
CHEIKY, MICHAEL C.	3,009,946	COLGATE-PALMOLIVE COMPANY	3,009,827	CZERSKI, MIKE	3,010,158
CHEIKY, MICHAEL C.	3,009,977	COLGATE-PALMOLIVE COMPANY	3,009,833	D'SOUZA, DANIEL	3,010,200
CHEMBIL-PALAT, RAMESH	3,009,761	COLGATE-PALMOLIVE COMPANY	3,009,833	D'SOUZA, DANIEL	3,010,204
CHEN, CHEN	3,010,247	COLGATE-PALMOLIVE COMPANY	3,009,948	D'SOUZA, DANIEL	3,010,283
CHEN, CUNKUN	3,009,966	COLGATE-PALMOLIVE COMPANY	3,010,272	D.Y. SELIGMAN CONSULTING LTD.	3,010,062
CHEN, HONGYU	3,009,958	COLGATE-PALMOLIVE COMPANY	3,010,272	DAGORNE, RENE-POL	3,010,284
CHEN, LIN	3,009,870	COLGATE-PALMOLIVE COMPANY	3,009,833	DAI, JIANLU	3,009,706
CHEN, MINHUA	3,009,713	COLGATE-PALMOLIVE COMPANY	3,009,778	DAIGLE, MICHAEL A.	3,010,340
CHEN, MO	3,010,228	COLGATE-PALMOLIVE COMPANY	3,009,653	DALY, THOMAS J.	3,009,763
CHEN, ZENG-WENG	3,009,903	COLGATE-PALMOLIVE COMPANY	3,010,286	DAMMURA, YOSHIKAZU	3,010,065
CHENG, HUI-CHUAN	3,010,237	COLGATE-PALMOLIVE COMPANY	3,010,002	DANA-FARBER CANCER INSTITUTE, INC.	3,000,775
CHENG, SHENG	3,010,085	COLUN, PETER	3,010,018	DANCHENKO, YURIY VALENTINOVICH	3,009,623
CHENG, SHIH-MIN	3,010,013	COLLIGAN, MARY	3,009,638	DANIELI CORUS B.V.	3,009,618
CHEUNG, JESSICA	3,010,329	COLLINGWOOD, STEPHEN PAUL	3,010,005	DANIELS, BRIAN	3,010,349
CHEVRON PHILLIPS CHEMICAL COMPANY LP	3,009,879	COLLINS, CHRISTOPHER JOSEPH	3,009,727	DANTAL, BARISH	3,010,193
CHIANG, LAN-FEN	3,010,187	CONATUS PHARMACEUTICALS INC.	3,009,946	DASSE, KURT A.	3,009,986
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CHILLSZYRN, STEVEN A.	3,009,454	CONFREY-MALONEY, TYLER	3,010,194	DAVIDSON, PERRY	3,009,599
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CHITRAKAR, ROJAN	3,010,259	COOL PLANET ENERGY SYSTEMS, INC.	3,010,139	DAWSON, VALINA L.	3,009,506
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CHOI, CHUN WAI	3,009,822	CORPET, DAMIEN JULIEN	3,010,289	DE SMET, ANNELEEN	3,009,714
CHOI, JIN-HO	3,009,640	CORREA DA SILVA, OLAVO	3,009,797	DE SMET, ANNELEEN	3,009,847
CHOI, SEOK RYE	3,010,295	CORREA DA SILVA, OLAVO	3,009,797	DEANE, STUART	3,009,399
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CHUDKOSKY, FRANK	3,009,662				

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DEFLORIAN, STEFANO	3,010,160	DOW AGROSCIENCES LLC	3,009,629	SANAYI VE TICARET	
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DELGADO, SERGIO	3,009,844	TECHNOLOGIES LLC	3,009,750	ELBIT SYSTEMS LTD.	3,009,930
DELORENZIS, DAMON	3,009,673	DOW GLOBAL		ELBIT SYSTEMS LTD.	3,010,167
DELORENZIS, DAMON	3,009,676	TECHNOLOGIES LLC	3,009,876	ELBIT SYSTEMS LTD.	3,010,263
DELTA FAUCET COMPANY	3,010,340	DOW GLOBAL		ELLIOTT, ADAM	3,009,987
DEMONTIGNY, PIERRE	3,010,074	TECHNOLOGIES LLC	3,009,958	ELLIS, CHRISTIAN	3,010,134
DENG, ERIC	3,009,636	DOWNNEY, THERESE M.	3,010,077	ELMIEH, BABACK	3,010,137
DENHARTIGH, ANDREW JOHN	3,006,958	DOYLE, MARK C.	3,010,195	ELSTER, SCOTT	3,009,667
DENNIS, KEVIN	3,009,838	DREAMWEAVER		EMBRECHTS, WERNER	
DENTSPLY SIRONA INC.	3,009,810	INTERNATIONAL, INC.	3,009,811	CONSTANT J	3,010,327
DERRIEN, MARC	3,009,899	DSM IP ASSETS B.V.	3,009,871	EMERICK, JAMES	3,009,842
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CO., LTD.	3,010,228	INTEL CORPORATION	3,009,819	JIA, SHIJUAN	3,009,538
HUAWEI TECHNOLOGIES		INTELLIA THERAPEUTICS,		JIANG, ALICE	3,010,232
CO., LTD.	3,010,233	INC.	3,009,727	JIANG, CHUANGXIN	3,009,705
HUBBELL INCORPORATED	3,009,886	IONESCU, TUDOR		JIANG, PEIJUN	3,009,841
HUDSON, ANGELA S.	3,010,232	CONSTANTIN	3,010,210	JIANG, YANG	3,010,020
HUGHES NETWORK		IONTAS LTD	3,010,231	JIANGSU HENGRI	
SYSTEMS, LLC	3,010,301	IRANI, SHAHRUZI	3,009,710	MEDICINE CO., LTD.	3,009,904
HUGHES NETWORK		IRANPOUR, KAMBIZ	3,010,138	JIN, SHUHUA	3,010,184
SYSTEMS, LLC	3,010,303	IRION, REED	3,010,349	JO, MUN-SEONG	3,009,617
HUGHES NETWORK		IRLYNX	2,999,799	JOHANSSON, PATRIK	3,009,760
SYSTEMS, LLC	3,010,308	IRVIN AUTOMOTIVE		JOHN ZINK COMPANY, LLC	3,009,528
HUMPHRY, MATTHEW		PRODUCTS LLC	3,010,309	JOHNSON & JOHNSON GMBH	3,010,250
EDWARD	3,009,590	IRVIN AUTOMOTIVE		JOHNSON & JOHNSON GMBH	3,010,252
HUNDEMER, HANK J.	3,009,978	PRODUCTS, LLC	3,010,317	JOINT STOCK COMPANY	
HUNDEMER, HANK J.	3,009,980	ISAACS, REX K.	3,009,668	"NOVOMET-PERM"	3,009,623
HUNDESHAGEN, DORTE	3,009,415	ISHAM, STEVE	3,009,639	JONCKERS, TIM HUGO	
HUNDESHAGEN, DORTE	3,009,479	ISHIBASHI, RYO	3,009,750	MARIA	3,010,327
HUNTER, DANIEL J.	3,009,983	ISHIBASHI, RYO	3,009,876	JONES, ALEXANDER	3,009,877
HUNTSMAN		ISHIDA, SUSUMU	3,009,769	JONES, HUW	3,010,203
INTERNATIONAL LLC	3,009,574	ISHIKAWA, NOBUYUKI	3,009,905	JONES, KYLE S.	3,009,661
HURST, CRAIG	3,009,583	ITABASHI, NAO	3,009,594	JONES, MARIA FRANCISCA	3,009,877
HUSSAIN, ABRAHIM	3,009,661	ITABASHI, NAO	3,009,606	JONES, MARIA FRANCISCA	3,009,892
HUTCHISON, JAMES ROBERT	3,010,293	ITO, HISAYUKI	2,998,077	JONES, MATTHEW A.	3,010,071
HUTCHISON, JAMES ROBERT	3,010,305	ITO, TOMOHIRO	3,010,253	JONES, MATTHEW A.	3,010,229
HUTCHISON, JAMES ROBERT,		ITO, TOSHIKI	3,010,065	JONES, NICHOLAUS A.	3,010,071
III	3,010,304	ITRON, INC.	3,010,070	JONES, NICHOLAUS A.	3,010,229
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DUNCAN	3,009,532	JACOB, GARY S.	3,009,814	CATHERINE	3,009,573
IANNCE, STEPHAN P.	3,009,816	JAIN, AMIT K.	3,010,183	JORAND-LEBRUN,	
IANNCE, STEPHAN P.	3,009,862	JAIN, ARPITA	3,009,773	CATHERINE	3,009,576
IDE, MATTHEW S.	3,009,745	JAIN, KAUSTUBH	3,010,308	JOSECK, ERIC D.	3,009,742
IDE, MATTHEW S.	3,009,872	JAIS, ALEXANDRE	3,010,137	JOSEPH, RUSSELL T.	3,009,844
IDEMITSU KOSAN CO., LTD.	3,009,880	JAMES, NIKIA	3,010,344	JOSHI, ABHIJEET	3,009,844
IDEVICES, LLC	3,010,340	JANCO, SCOTT	3,009,859	JULIUS-MAXIMILIANS-	
III CORPORATION	3,009,776	JANG, SUN YOUNG	3,010,176	UNIVERSITAT	
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III CORPORATION	3,010,257	JANOWIAK, ANTHONY R.	3,010,309	JUNG, JAE HYUK	3,010,315
IIDA, MASONORI	3,009,750	JANOWIAK, ANTHONY R.	3,010,317	JUNG, SUN YOUNG	3,010,315
IIDA, MASONORI	3,009,876	JANSSEN SCIENCES IRELAND		JUNG, SUNG YOUNG	3,010,182
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KAHATT, ESPIR	3,009,651	KIM, JI YOON	3,010,323	KULKARNI, GAJANAN	3,009,853
KAINO, MIE	3,009,971	KIM, JONG YUP	3,010,323	KUMADA, MITSUNORI	3,009,598
KALFUS, JAN	3,009,841	KIM, JOSEPH	3,010,323	KUMAR, SUBODH	3,009,817
KALLA, MARKUS	3,009,928	KIM, KYUNG HOON	3,010,323	KUMON, HIROMI	3,009,883
KALLEWAARD-LELAY, NICOLE	3,010,313	KIMACHI, KAZUHIKO	3,010,049	KUNDU, KOUSIK	3,009,801
KALPAXIS, ALEX	3,009,055	KIMATA, YUSUKE	3,009,784	KUNDU, KOUSIK	3,009,985
KALSING, AUGUSTO	3,009,629	KIMOTO, KOYA	3,009,610	KUNG, HANK F.	3,010,295
KAMENI NGASSA, CHRISTIANE	3,010,197	KIMOTO, MASANARI	3,009,607	KUNTZER, NICOLAS	3,009,688
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KANDA, ATSUSHIRO	3,009,769	KIRBY, MORGAN	3,010,255	KURODA, MASAHICO	3,009,769
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KAPLAN, MIKE	3,009,661	KITAYAMA, MASATO	3,009,609	KWON, SE CHANG	3,010,182
KAR, KENNETH	3,009,767	KITAYAMA, MASATO	3,010,310	KWON, SE CHANG	3,010,265
KAR, KENNETH	3,009,808	KJAER, ANDREAS	3,010,225	KYOKUTOH CO., LTD.	2,986,291
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KAREIS, CHRISTOPHER M.	3,010,129	KLAR, MARKUS	3,010,252	LACROUTS-CAZENAVE, IVAN	3,009,440
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KARL OTTO BRAUN GMBH & CO. KG	3,009,572	KLEIN, AHARON	3,006,958	LALLI, MARIA	3,009,665
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KARUPPUSAMY, SATHEESHKUMAR	3,009,758	KLIMOV, EVGUENI	3,009,922	LAN, YAN	3,010,326
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KELA, LAURA	3,009,875	KOCUREK, SANDRA	3,010,056	LAVALLEE, LAWRENCE J., JR.	3,009,791
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KEMMITT, GREG	3,010,289	KOHLI, DALIP KUMAR	2,992,310	LEACH, GWENDOLINE	3,009,590
KERANEN, OLLI	3,009,399	KOHLI, IVO	3,009,632	LEAVER, TIMOTHY	3,009,691
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KGIL, TAEHO	3,009,828	KOLETSCHKA, THOMAS	3,009,648	LEDDARTECH INC.	3,009,869
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KHANNA, RICHIE	3,010,205	KONIG, YOCHAI	3,009,944	LEE, EUN SOO	3,010,183
KHOSLA, AARTI	3,009,600	KOSKELA, HANNA	3,009,875	LEE, HUEL-YU	3,009,903
KHOSLA, SANJEEV	3,009,600	KOTIAN, ROHIT	3,010,087	LEE, HYOUNG IK	3,009,867
KIETTA	3,009,815	KOYAMA, NORIYUKI	3,009,734	LEE, JONG SUK	3,010,182
KIM, CHOM TU I	3,009,625	KOZUBAL, CHERYL	3,009,741	LEE, JONG SUK	3,010,265
KIM, HAN SUK	3,009,946	KRAUSE, BERND	3,009,593	LEE, JUNG MEE	3,010,323
KIM, HAN SUK	3,009,977	KREAMER, MARC	3,010,022	LEE, KWANG HUI	3,009,619
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		KRISCHAK, MIRANA	3,010,148	LEE, SEULKI	3,009,506
		KRISTAN, KATJA	3,009,916	LEE, YONGJAE	3,009,645
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MCCLOSKEY, JAY WALTER	3,008,449	MITSUBISHI ELECTRIC CORPORATION	3,010,294	MYKLEBUST, JUNE HELEN	3,009,718
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MCCORMICK, CASEY	3,009,504	MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD.	3,009,781	MZ IP HOLDINGS, LLC	3,009,758
MCCREA, JAMES	3,010,304	MITTENZWEY, KLAUS- HENRIK	3,010,028	MZ IP HOLDINGS, LLC	3,010,157
MCDONALD, JOHN	3,009,668	MIYAMA, TAKUYA	3,009,762	NACHAWATI, MAHER	3,009,989
MCDONALD, MICHAEL F., JR.	3,010,059	MIYAMA, TAKUYA	3,009,936	NADER, ALI	3,009,575
MCGANN, CONOR	3,009,944	MIYAZAWA, MISAO	3,009,783	NAGAO, MASAKAZU	2,990,581
MC GEE, LAWRENCE R.	3,009,522	MOCII, ERIC	3,010,325	NAGAO, RYO	3,009,905
MC GEE, LAWRENCE R.	3,009,525	MOHAMAD, ZUBER BIN	3,010,006	NAHAS, NABIL	3,010,325
MC GEE, SEAN	3,009,939	MOHARRER, MOHAMMAD ALI SANAGOOY	2,996,589	NAIGAMWALLA, DARIUS	3,009,665
MCKAY, NICHOLAS D.	3,009,663	MOJARRADI, HOTAN	3,010,161	NAIGAMWALLA, DARIUS	3,009,666
MCLAUGHLIN, BRYAN	3,010,349	MOLIERE, RENAUD	3,010,197	NAKAJIMA, KOTARO	2,986,291
MCLAUGHLIN, STEVEN D.	3,009,398	MOMENTIVE PERFORMANCE MATERIALS INC.	3,010,193	NAM, JOON WOO	3,010,323
MCMAHON, HILARY	3,009,569	MOMOTARO-GENE INC.	3,009,883	NANBOX INC.	3,009,851
MCQUILLEN, TIMOTHY	3,009,981	MONACO, MICHAEL	3,009,055	NANJING CHIEVON INDUSTRY CO., LTD.	3,009,848
MCQUILLEN, TIMOTHY	3,010,011	MONTGOMERY, MICHAEL K.	3,009,791	NATARAJAN, SURYANARAYANAN	3,009,819
MEACHAM, BRIAN E.	3,010,085	MOOREHEAD, SCOTT	3,009,047	NATIONAL ENGINEERING AN TECHNOLOGY	
MECFEL-MARCZEWSKI, JOANNA	3,010,154	MOQUIN, CRAIG	3,009,943	RESEARCH CENTER FOR PRESERVATION OF	
MEDIMMUNE, LLC	3,010,313	MORA, ROBERT	3,009,979	AGRICULTURAL PRODUCTS (TIANJIN)	3,009,966
MEDINA, JULIO C.	3,009,522	MORAYNISS, LEONARD DAVID	3,010,226	NATIONAL OILWELL VARCO, L.P.	3,009,965
MEDINA, JULIO C.	3,009,525	MORGAN, ANDRE	3,009,833	NATIONAL UNIVERSITY CORPORATION CHIBA	
MEDIENTIA INTERNATIONAL LTD OY	3,009,399	MORGAN, JUDGE W., III	3,009,824	UNIVERSITY	3,009,611
MEEGAN, JONATHAN EDWARD	3,010,201	MORGAN, SIMONE H.	3,009,654	NATIONAL UNIVERSITY CORPORATION	
MEFON VENTURES INC.	3,010,141	MORIN, BRIAN G.	3,009,811	HOKKAIDO UNIVERSITY	3,009,769
MEGRANT, ANTHONY EDWARD	3,009,887	MORTIER, TODD J.	3,010,324	NATURAL ACOUSTICS LAB LLC	3,009,766
MEGURO, HIROYUKI	3,009,971	MOSKALEV, ALEKSANDR YEVGENYEVICH	3,009,962	NAWROCKI, SHIRI	3,009,800
MEHNERT, ERIC	3,009,663	MOTOKI, TAKUMA	3,010,069	NAWROCKI, SHIRI	3,009,827
MEIER, CHRISTIAN	3,009,597	MOTOYAJI, TAKASHI	3,009,609	NAWROCKI, SHIRI	3,009,948
MEISTER, MARITA	3,009,571	MOTZ, GREGORY	3,009,709	NAXOS PAGE, PATRICK	3,009,573
MEKA, BHOOPAL	3,009,592	MOURAO, MARCELLA F.	3,009,797	NAXOS PAGE, PATRICK	3,009,576
MELANCON, JEFFREY T.	3,009,965	MOURI, TOMOHIRO	2,990,581	NAYLOR, MARK	3,009,588
MELFAP INC.	3,010,069	MOY, CHRIS	3,009,636	NCHAIN HOLDINGS LIMITED	3,009,731
MEMORIAL SLOAN- KETTERING CANCER CENTER	3,009,509	MUELLER INTERNATIONAL, LLC	3,010,333	NCHAIN HOLDINGS LIMITED	3,010,116
MENDELSON, AARON	3,009,795	MUELLER INTERNATIONAL, LLC	3,010,345	NEBOSKY, PAUL S.	3,010,242
MENG, CHARLES Q.	3,009,867	MUELLER, MONIKA	3,009,871	NEC CORPORATION	3,009,705
MENSCHIKOWSKI, MARIO	3,010,052	MUGFORD, PAUL	3,009,871	NEDUNCHEZHIAN, ARUN	3,009,758
MERCEY, GUILLAUME JEAN MAURICE	3,010,327	MUHLESTEIN, HERRICK	3,010,007	NEGODIN, DMITRIJ ALEKSEVICH	3,009,962
MERCK SERONO S.A.	3,009,576	MUHLETTNER, HEINZ	3,009,621	NELSON, ALAN C.	3,009,813
MERIAL, INC.	3,009,656	MULLEN, GARRICK GERALD	3,009,653	NELSON, JARED	3,010,331
MERIAL, INC.	3,009,867	MULLER, ELIZABETH	3,009,660	NEOGEN CORPORATION	3,006,958
MERZ PHARMA GMBH & CO. KGAA	3,010,146	MULLER, RICHARD A.	3,009,660	NERVANA, LLC	3,010,057
MESTRALLET, FREDERIC	3,009,780	MULTIMATIC INC.	3,009,807	NESTEC S.A.	3,009,752
MEYER, MICHAEL G.	3,009,813	MULUMBA, KABUNGO	3,009,727	NESTEC S.A.	3,009,755
MICHAEL, LACHLAN BRUCE	3,010,249				

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NETSWEEPER (BARBADOS)		INTERNATIONAL		OTA, NAOKI	3,010,069
INC.	3,009,689	UNLIMITED COMPANY	3,009,624	OTSUKA PHARMACEUTICAL	
NEUFORM		O'CARROLL, GER	3,009,399	CO., LTD.	3,009,734
PHARMACEUTICALS,		O'DEA, SHIRLEY	3,009,715	OZONIAN, RYAN	3,010,087
INC.	3,009,850	O'FLYNN, DAMIAN	3,009,807	PACELLA, NAN Y.	3,009,791
NEUSTIFTER, MANFRED	3,009,591	O'HAYON, DAVID	3,009,922	PACOSKY, GREGORY	3,009,867
NEXSPAN HEALTHCARE,		O'REGAN, JAKE	3,009,399	PADRON, SIMON	3,009,993
LLC	3,010,202	O'SULLIVAN, REGINA	3,009,569	PAGET, NICOLAS	3,009,566
NG, CHRIS TSUN KIT	3,009,761	OBLAK, MARKO	3,009,916	PAINKE, KAI	3,009,597
NGO, HIEN TRAN	3,009,844	OBREGON, ZWCKXALLY	3,006,958	PAINCHAUD, GAETAN	3,009,688
NGUYEN, NAM XUAN	3,010,212	OBSEVA S.A.	3,009,573	PAINTER, THOMAS	3,009,801
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NGUYEN, TRAM NGOC	3,009,844	OBUCHI, KENRO	3,010,172	PALUSKIEWICZ, SARAH	3,010,002
NICHOLSON, MICHAEL G.	3,009,637	OEFELEIN, MICHAEL G.	3,009,809	PALUSKIEWICZ, SARAH	3,010,018
NIE, FANGJIE	3,009,848	OEUVRARD, SANDRINE	2,999,799	PAN, DONGJIANG	2,992,890
NIEDEROEST, BEAT	3,010,287	OGOSHI, MANABU	3,010,065	PAN, JIAN	3,010,235
NIESWANDT, BERNHARD	3,008,196	OH, EUH LIM	3,010,182	PAN, LONG	3,009,765
NIJAKOWSKI, TIMOTHY ROY	3,009,655	OH, EUH LIM	3,010,265	PAN, LONG	3,009,800
NIJAKOWSKI, TIMOTHY ROY	3,009,670	OH, HEE SOOK	3,010,176	PAN, LONG	3,009,827
NIKOLOVA, ZARIANA	3,009,642	OHARA, YUKI	3,010,049	PAN, LONG	3,009,948
NIKON-ESSILOR CO., LTD.	3,009,603	OHBA, KAORU	3,009,750	PANASONIC INTELLECTUAL	
NIKULIN, DMITRIJ		OHBA, KAORU	3,009,876	PROPERTY	
VALERIEVICH	3,009,962	OHORI, SEIJI	3,009,611	MANAGEMENT CO., LTD.	3,010,259
NILSSEN, RAY	3,009,636	OKA, TATSUYA	3,010,257	PANAVISION	
NIPPON STEEL & SUMITOMO		OKADA, MINORU	3,009,734	INTERNATIONAL, L.P.	3,010,017
METAL CORPORATION	3,009,607	OKANO, YASUTAKA	3,009,605	PANDIT, RAJAY	3,009,661
NIPPON STEEL & SUMITOMO		OKUNO, GAKU	3,010,065	PANDIT, SALIL	3,010,272
METAL CORPORATION	3,009,770	OLESEN, JAN	3,009,735	PANG, WENFENG	3,010,235
NIPPON ZOKI		OLICHNEY, MICHAEL		PARANJAPE, ANURAG N.	3,010,101
PHARMACEUTICAL CO.,		DICKSON	3,010,304	PARK, JI SEON	3,010,323
LTD.	3,009,611	OLSSON, HENRIK	3,009,939	PARK, JONG CHIL	2,994,525
NISHIYAMA, YOSHITAKA	3,009,770	OLSSON, JOHAN	3,010,021	PARK, WILLIAM KEUN CHAN	3,009,649
NISSAN MOTOR CO., LTD.	3,009,598	OLSSON, JOHAN	3,010,161	PARK, YOON SUN	3,010,323
NISSAN MOTOR CO., LTD.	3,009,601	OMNIOME, INC.	3,009,651	PARK, YOUNG JIN	3,010,182
NISSAN MOTOR CO., LTD.	3,009,613	OMRIX		PARK, YOUNG JIN	3,010,265
NOBLE, STEPHANIE JANE	3,009,878	BIOPHARMACEUTICALS		PARKER-HANNIFIN	
NOCHAM, ITAMAR	3,010,263	LTD.	2,993,892	CORPORATION	3,009,976
NORDFELS GMBH	3,009,711	OMURA, JUNPEI	3,010,094	PARNES, TAL	3,009,924
NORDQVIST, DAVID	3,009,752	ONCOBIOLOGICS, INC.	3,010,329	PARSONS, KENNETH JAMES	3,010,320
NORDQVIST, DAVID	3,009,755	ONO, YOSHIIKO	3,009,784	PATEL, NIRMAL	3,010,272
NORMAN, CONNY	3,009,743	ONUMA, HIROTO	3,010,049	PATTERSON, JAMES J.	3,009,673
NOSSEIR, MOHAMED	3,009,659	OPENM INC.	2,994,525	PATTERSON, JAMES J.	3,009,676
NOVARTIS AG	3,009,709	OPERA SOLUTIONS U.S.A.,		PATTERSON, SHAWN	3,009,616
NOVARTIS AG	3,009,727	LLC	3,009,641	PAUL, ULRICH	3,010,322
NOVARTIS AG	3,009,852	OPHIR, AMOS	3,009,930	PAULMANN, UWE	3,009,597
NOVARTIS AG	3,010,331	ORBIS CORPORATION	3,009,972	PEAK WELL SYSTEMS	
NOVINA, CARL	3,000,775	ORBIS CORPORATION	3,009,998	LIMITED	3,009,578
NOVOZYMES BIOAG A/S	3,010,031	OREGON STATE UNIVERSITY	3,010,084	PEAK WELL SYSTEMS	
NOWAKOWSKI, JOHN		ORIC PHARMACEUTICALS,		LIMITED	3,009,580
GERALD	3,010,317	INC.	3,009,522	PEAK WELL SYSTEMS	
NUHEART AS	3,009,616	ORIC PHARMACEUTICALS,		LIMITED	3,009,582
NULWALA, HUNAI	3,009,779	INC.	3,009,525	PEAK WELL SYSTEMS	
NUSSBAUM, ROBERT GUY	3,009,972	ORIMO, SHINICHI	3,010,253	LIMITED	3,009,584
NUSSBAUM, ROBERT GUY	3,009,998	ORITA, SUMIHISA	3,009,611	PEAK WELL SYSTEMS	
NYFORS, KLAUS	3,010,150	ORR, ERAN	3,010,060	LIMITED	3,009,589
O&M HIALYARD		ORTIZ, JORGE ISAAC	3,010,333	PEAK WELL SYSTEMS PTY	
INTERNATIONAL		ORTIZ, JORGE ISAAC	3,010,345	LTD	3,009,578
UNLIMITED COMPANY	3,009,620	OSLO		PEAK WELL SYSTEMS PTY	
O&M HIALYARD		UNIVERSITETSSYKEHUS		LTD	3,009,580
INTERNATIONAL		HF	3,009,718	PEAK WELL SYSTEMS PTY	
UNLIMITED COMPANY	3,009,622	OSTBY, JUDIT TJELMELAND	3,010,190	LTD	3,009,582
		OSTBY, JUDIT TJELMELAND	3,010,191	PEAK WELL SYSTEMS PTY	
		OSTEOCERTUS, LLC	3,009,975	LTD	3,009,584

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PEET, JEFFREY H.	3,009,837	BAHNBAUMASCHINEN		PURVES, THOMAS	3,009,820
PEKING UNIVERSITY	3,010,015	GESELLSCHAFT M.B.H.	3,010,023	QI, BIN	3,010,235
PELEMIS, DAMJAN	3,009,944	PL.OESSLI, KARL	3,010,295	QI, BIN	3,010,247
PELIPENKO, JAN	3,009,916	PLUMMER, DARRILL L.	3,009,824	QIAN, JIANG	3,010,247
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JOSEPH	3,009,737	POLLARD, JOHN	3,010,221	QUALCOMM INCORPORATED	3,009,994
PENG, TZU-TING	3,009,903	POLYMER ADHESIVE		QUANCI, JOHN FRANCIS	3,009,822
PENG, YUCAN	3,010,209	SEALANT SYSTEMS, INC.	3,010,012	QUANTUM TECHNOLOGY	
PENG, YUN	3,009,782	POMEL, VINCENT	3,009,573	GROUP LIMITED	3,009,933
PENG, YUN	3,009,870	POMEL, VINCENT	3,009,576	QUATTROPANI, ANNA	3,009,573
PEPSICO, INC.	3,009,989	POPA, PAUL J.	3,009,958	QUATTROPANI, ANNA	3,009,576
PEPSICO, INC.	3,010,344	POS, WOUTER	3,010,223	QUEST DIAGNOSTICS	
PERELMAN, MAKSIM		POSHVIN, YEVGENII		INVESTMENTS LLC	3,010,013
OLEGOVICH	3,009,623	VYACHESLAVOVICH	3,009,623	QUIRKLOGIC, INC.	3,010,337
PEREZ GOMEZ, EDUARDO	3,009,990	POTH, TILO	3,009,797	RABOISSON, PIERRE JEAN-	
PERLROTH, D. VICTOR	3,010,056	POTYRAILO, RADISLAV		MARIE BERNARD	3,010,327
PERNER, JUDD J.	3,010,050	ALEXANDROVICH	3,009,645	RADICAL APP LLP	3,010,087
PEROZ, CHRISTOPHE	3,010,237	POWELL, GLENN	3,009,828	RADOMIR, LIHI	3,009,127
PERRIELLO, JONATHAN	3,010,012	POWELL, KYLE	3,010,007	RAI STRATEGIC HOLDINGS,	
PETERSON, CRAIG	3,009,890	POWELL, RYAN	3,010,272	INC.	3,010,115
PETT, PRISCILLA C.	3,009,986	POWERS, CORY S.	3,009,742	RAJASEKARAN, JOHN J.	3,009,812
PETKOV, GUEORGUI	3,009,659	PPG INDUSTRIES OHIO, INC.	3,009,796	RAMAN, CHANDRASHEKAR	3,010,193
PETRI ORTEGA, ALBERTO	3,009,719	PPG INDUSTRIES OHIO, INC.	3,009,884	RANASINGHE, RANE	3,009,697
PETRIOLI, CHIARA	3,010,110	PRAKASH, GYAN	3,009,828	RAPTOR RIG, INC.	3,010,318
PETRUS, PAUL	3,010,312	PRATTE, JAMES FRANCIS	3,010,082	RASANEN, JARI	3,009,875
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SCHUTZBEKLEIDUNG		INC.	3,009,637	RATHONYI, BELA	3,009,575
GMBH	3,010,145	PRESCOTT, SCOTT	3,009,942	RATHISBURG, MARTIN J., JR.	3,010,317
PFANNER, ANTON	3,010,145	PRESSOL - SCHMIERGERATE		RATHISBURG, MARTIN JR.	3,010,309
PHAM, CHRISTINA	3,009,637	GESELLSCHAFT MIT		RAU, JEFFERY JONATHAN	3,010,304
PHARMA CONSULT		BESCHRANKTER		RAVIKUMAR, RAVI	3,010,217
GES.M.B.H.	3,009,688	HAFTUNG	3,009,677	RAZAI, AMIR S.	3,009,661
PHIELPS, MWITA	3,009,952	PRICE, ALLEN L.	3,009,859	REAPPLIX APS	3,009,911
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S.A.	3,009,923	PRIEST, KARI	3,010,031	REDDY, BALAKRISHNA	3,009,979
PHILIP MORRIS PRODUCTS		PRIEUR, ALEXANDRE	3,009,740	REDEAHOLD APELDOORN	
S.A.	3,009,955	PRIEUR, ALEXANDRE	3,009,751	B.V.	3,009,725
PHILIP MORRIS PRODUCTS		PRIEUR, ALEXANDRE	3,009,785	REDJIDAI, MAKHLOUF	3,009,630
S.A.	3,009,956	PRINCE, GUENAEI	3,009,566	REED, JESSE	3,009,741
PHILIP MORRIS PRODUCTS		PRODEON, INC.	3,009,633	REEVELL, TONY	3,009,923
S.A.	3,010,142	PROFILATOR GMBH & CO.		REGE, AARTI	3,009,833
PHILLIPP, CHRISTOPHER	3,009,643	KG	3,009,947	REHAU AG + CO	3,009,415
PHILLIPS, PERCY D.	3,010,115	PROGASTRINE ET CANCERS		REHAU AG + CO	3,009,479
PICARI, LUIGI	3,010,110	S.A R.L.	3,009,740	REHAU CONSTRUCTION LLC.	3,009,415
PIERGALLINI, REMIGIO	3,009,922	PROGASTRINE ET CANCERS		REHAU CONSTRUCTION LLC.	3,009,479
PHILBLAD, RONNY	2,999,828	S.A R.L.	3,009,751	REICHEL, KRISTIN	3,010,150
PILLAI, BIJUKUMAR		PROGASTRINE ET CANCERS		REINGRUBER, MARTIN	3,009,711
GOPINATHAN	3,009,592	S.A R.L.	3,009,785	REINHARDT, PAIGE	3,009,943
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PINKSTONE, FELICIA A.	3,010,194	LTD	3,009,941	RESONI, LUIGI	3,010,150
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PIVAB AB	2,999,828	THERAPEUTICS, INC.	3,009,834	RETSCH, WILLIAM H., JR.	3,009,796
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		PUKARI, MIKA	3,009,775	REW, YOSUP	3,009,525
		PURCELL, MARC	3,010,140	REYNOLDS, MARY	3,009,952
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RICHARDSON, ALLAN STEWART	3,009,397	PERFORMANCE		SCHNEIDER, URS	3,010,179
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RISTOCK, HERBERT WILLI ARTUR	3,009,944	SAKAWA, HIROYASU	3,010,065	SCHURMANN, MARTIN	3,009,871
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RODGERS, PATRICK	3,010,210	SANDOZ AG	3,009,916	SCOTT TECHNOLOGIES, INC.	3,009,824
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